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Apoptosis Mitochondria role (Leonard and Schapira 392 S); Rhabdosphincter and urinary incontinence (Goessl and Miller 578 C); TRAIL (tumour necrosis factor-related apoptosis-inducing ligand) inducing and doubts over anticancer role (Senior 1620 N)
Apotemnophilia Amputation of healthy limbs by UK surgeon (Ramsay 476 N)
Appendix VCJD study and no evidence of epidemic (1567 E) (Ashraf 1619 N) (Ironside et al 1693 R)
Aprotinin For reduction of perioperative bleeding in liver transplantation (randomised trial) (Segal and Hunt 1289 Com) (Porte et al 1303) (1830 correction)
Aquaporins (water channels) Discovery/functions/expression/disease associations (Marples 1571 Com)
Arabs Common genes and heritage with Jews (Larkin 1699 N)
Aral Sea region Pesticide-contaminated airborne dust (O'Hara et al 627 R)
Arbor Nutrition Guide Website and webmaster (Larkin 1109)
Archaeology Ancient bones use for disease research (Bosch 1248 N)
Arrhythmias see Cardiac arrhythmias
Arrhythmogenic right ventricular cardiomyopathy (ARVC) Deletion in plakoglobin associated (McKoy et al 2119)
Arsenic Water contamination and cancer warnings in West Bengal (Kumar 211 N)
Art Disability and (580 correction); Violence (Siquieros 1801) 1809 (Grosz 1812); Web-based (Larkin 2173); *See also* Dissecting room
Artemether Oral, prevention of *Schistosoma mansoni* infection (randomised trial) (Utzinger et al 1320)
Arterial Disease Multiple Intervention Trial (ADMIT) Ascorbic acid treatment of hypertension (Kostis et al 1272 C) (Duffy and Vita 1273 C)
Arterial insufficiency Cavernosal, after high-dose chemotherapy and total body irradiation in multiple myeloma (Chatterjee et al 1335 R)
Arteries Compliance in young adults and birth size relationship (Montgomery et al 2136 R); Reduced distensibility in donor twin in twin-twin transfusion syndrome (Cheung et al 1157 R)
Arteritis Giant-cell see Giant-cell arteritis
Artesunate Efficacy of pyrimethamine-sulphadoxine with in malaria (randomised trial) (von Seidlein et al 352) (2080 correction)
Artesunate-mefloquine Combination therapy for malaria and cautions (viewpoint) (Wongsrichanalai et al 2245)
Arthritis Benefits of nutraceuticals exaggerated (Larkin 993 N); Chronic Lyme disease (Rowe 1436 N); *See also* Osteoarthritis; Rheumatoid arthritis
Artificial bowel sphincter Reassessment and MRSA-induced failures (Malouf et al 2219 R)
Artificial vision Research (Larkin 1080 N)
Asbestos Environmental lung damage (Schepers 1830 C)
Ascariasis Mimicking disseminated small bowel carcinoma and presenting with ascites and abdominal masses (case report) (Hui et al 546)
Ascites Ascariasis presenting with and mimicking small bowel carcinoma (case report) (Hui et al 546)
Ascorbic acid Hypertension treatment (Ness and Sterne 1271 C) (Rolla et al 1271 C) (Ceriello et al 1272 C) (Kostis et al 1272 C) (Das 1273 C) (Duffy and Vita 1273 C)
Asia South, childhood neuromorbidity (Sharma 478 N); South east see Southeast Asia; Thalassaemia in Sri Lanka and health burden implications (de Silva et al 786); Website (Larkin 1195); WHO's Vision 2020 programme for blindness control (Kumar 816 N)
Asian women Repression in south Asia and Amnesty International report (Ahmad 2229 N)
Asians (in India) Raised homocysteine levels and coronary heart disease risk (Baker et al 2248 C) (Brattström 2248 C) (Ledochowski et al 2249 C) (Raheja and Talim 2249 C) (Chambers and Kooner 2250 C)
Asians (in UK) Raised homocysteine levels and coronary heart disease risk (Martyn 512 Com) (Chambers et al 523) (Ghosh and Khan 1727 C)

(Wierzbicki and Swaminathan 1727 C) (Baker et al 2248 C) (Brattström 2248 C) (Ledochowski et al 2249 C) (Raheja and Talim 2249 C) (Chambers and Kooner 2250 C); Tuberculosis susceptibility linked to vitamin D deficiency and vitamin D receptor polymorphisms (gene-environment interactions) (Bellamy 588 Com) (Wilkinson et al 618)

Aspartate aminotransferase Serum levels as sign of hepatocellular damage (Kew 591 Com) (Knapen et al 1463 C)

Aspergillosis Invasive, early diagnosis (Denning 423 Com) (Denning 2076 C) (Forster et al 2076 C) (Malnick et al 2076 C)

Aspirin Benefit in acute ischaemic stroke (meta-analysis) (Bradbury 2054 N); Long-term for secondary prevention of stroke (Overell et al 319 C) (Hankey and Warlow 320 C) (Newcombe 320 C) (Singer 321 C); Low-dose for venous thromboembolism and pulmonary embolism prophylaxis (randomised trial) (Sors and Meyer 1288 Com) (Pulmonary Embolism Prevention (PEP) Trial Collaborative Group 1295); Low-molecular-weight heparin *vs* in acute ischaemic stroke and atrial fibrillation (randomised trial) (Berge et al 1205); Oral anticoagulants *vs* after infrainguinal vascular surgery (randomised trial) (Lindblad 334 Com) (Dutch Bypass Oral Anticoagulants (BOA) Study Group 346) (1104 correction) (Algra et al 1186 C); Reye's syndrome after (Kasai et al 1558 C); Sibrafiban *vs* for cardiovascular event prevention and adverse effects (randomised trial) (Heeschen and Hamm 330 Com) (SYMPHONY Investigators 337) (2000 correction); Underuse in coronary heart disease (992 N)

Assisted reproduction Public vote in Switzerland (996 N)

Asthma Acute antigen-induced, loss of superoxide dismutase activity during (Comhair et al 674 R); Drugs effective in food allergy treatment (Rowe 2055 N); Effect of indoor endotoxin exposure in early life and allergen sensitisation prevention (Gereda et al 1680); Effect of inhaled corticosteroids on bone mineral density (Sambrook 1385 Com) (Wong et al 1399); Eosinophil chemokines and receptors as therapeutic target (Menzies-Gow and Robinson 1741 Com); Experimental and epidemiological data on effect of particulates (Kleinert 1700 N); Frequent paracetamol use linked (Ahmad 1078 N) (Nuttall et al 1648 C); Home-made spacers for bronchodilator therapy (Cates 70 C) (Zar et al 70 C); Hygiene hypothesis evidence (Kleinert 1795 N); Medieval silver mine used as sanatorium in Austria (Glass 1979 N); Nitric oxide production/role lacking evidence (Berlyne and Barnes 1029 Com) (Achan 1995 C); Prevention by allergic rhinitis treatment (WHO Initiative) (293 N); Risk of congenital malformations after treatment in early pregnancy (Jadad et al 119 R); Short-acting inhaled β-agonists as needed or regular use? (randomised trial) (Sears 1658 Com) (Dennis et al 1675)

Asylum seekers Non-clinical estimation of age banned in Austria (Röggla 1440 N)

Atherogenesis Cardiovascular gene therapy target (Ylä-Herttuala and Martin 217)

Atherosclerosis Benefits of homocysteine-lowering treatment plus folic acid and vitamin B_6 (randomised trial) (Bostom and Garber 511 Com) (Vermeulen et al 517); Cystine deficiency (Mann 1190 C); Decreased by meditation (Larkin 812 N); In diabetics and benefits of stenting (EPISTENT) (47 N); Prevention in children (Ravnskov 69 C); Subclinical hypothyroidism associated with increased risk (Moore 629 N)

Atherosclerotic plaques Instability, evidence of chronic systemic cause (Rothwell et al 19) (Cortellaro et al 1362 C) (Meschia 1362 C) (Violi and Loffredo 1362 C) (Rothwell 1363 C)

Atomic bombs Neutropenia in survivors (Imamura and Kimura 117 R); Website (Larkin 584)

Atopic diseases Measles not protective against (Larkin 293 N); See also Allergic diseases

Atopy Protective effect in sudden cardiac death (Szczeklik 2254 C)

Atrial fibrillation After heart attacks in elderly (Senior 903 N); Low-molecular-weight heparin *vs* aspirin (randomised trial) (Berge et al 1205); Stroke prevention by anticoagulant therapy and decision analysis/guidelines (Thomson et al 956) (1466 correction)

Attention deficit hyperactivity disorder (AHDH) Dopamine transporter density (Baughman 1460 C) (Dougherty et al 1461 C) (Swanson 1461 C); Improved care for children in US (McCarthy 1161 N)

Attitudes Breast cancer survival and see Psychological attitudes

Audit Interpretations of outcome variations of clinical interventions (Rothwell 4 Com) (McKiernan et al 25) (Lloyd et al 1099 C)

Auditory hallucinations In schizophrenia, transcranial magnetic stimulation (Hoffman et al 1073 R)

Australia Action against tobacco companies considered by states (Loff and Cordner 1251 N); Depression institute to be established (1084 N); Deterioration of relations with Aborigines (Loff and Anderson 2070); Doctor charged with murder of terminally ill patient (1440 N); Drug promotion restrictions (Tattam 732 N); Legionnaires' disease outbreak in Melbourne and government's testing gaps (Loff and Cordner 1705 N); Mental health education (1250 N); Public rebate cut for ultrasound scans for pregnant women (Loff and Cordner 298 N); Rules for abortions resulting in live births recommended by coroner (Loff and Cordner 1439 N); Safe drug-injection centres programme delay (Loff and Cordner 1626 N); Sildenafil case lost by Pfizer (Loff and Cordner 1168 N); Zygote research banned in Victoria (Loff and Cordner 1344 N)

Australian Medical Association Woman president elected (Loff and Cordner 2060 N)

Austria Medieval silver mine used as sanatorium (Glass 1979 N); Nappy ban proposal (1896 N); Non-clinical estimation of age banned (Röggla 1440 N); Research scientists fear international exclusion (Röggla 559 N); Response to inclusion of Jörg Haider in government (667 E) (Ernst 1368 C) (van Leeuwen 1368 C) (Constantinescu 1369 C) (Druml 2255 C); University of Vienna commission on anatomical specimens from 1938-1945 (Hubenstorf 1385 Com) (Angetter et al 1454); Working hours for doctors (Glass 2227 N)

Austrian Medical Association Response to inclusion of Jörg Haider in government (667 E) (Ernst 1368 C) (van Leeuwen 1368 C) (Constantinescu 1369 C) (Druml 2255 C)

Authors "Ghost" writing code proposed for pharmaceutical industry (Sharp 1084 N)

Autism MMR vaccine association (Altmann 409 C) (Taylor et al 409 C); MMR vaccine association and confusion over evidence (1379 E)

Autoagglutination Malaria-infected red blood cells and malaria severity indicator (Roberts et al 1427 R)

Autoantibodies Diabetes-associated in aboriginal children (Sellers et al 1156 R); IgG4 anti-IgA antibodies in healthy people and ELISA artifacts due to (Hennig et al 1617 R); SLA/LP in autoimmune hepatitis and identification of target antigen (McFarlane 1475 Com) (Wies et al 1510)

Autoimmune hepatitis Target antigen identification for SLA/LP autoantibodies (McFarlane 1475 Com) (Wies et al 1510)

Autoimmune T cells As neuroprotective therapy for spinal cord injury (Hauben et al 286 R)

Autoimmunity Inhibition by therapeutic monoclonal antibodies (Breedveld 737); Involvement in Sjögren's syndrome pathophysiology (Hakala and Niemelä 1032 Com)

Autonomic failure Primary, hypertensive cardiovascular damage due to (Vagaonescu et al 725 R) (Kario and Pickering 1645 C)

Autonomic nervous system Impairment in Sjögren's syndrome pathophysiology (Hakala and Niemelä 1032 Com)

Awareness During general anaesthesia (prospective study) (Simini 672 Com) (Sandin et al 707) (Buerkle and Wuesten 1721 C) (Downie and Avidan 1721 C) (Gilston 1722 C) (Sandin et al 1722 C) (Schou 1723 C)

Axonal sensorimotor polyneuropathy Associated with raised CSF protein (case report) (Razavi et al 38)

B

Bacillus thuringiensis Genetically modified crops and relationship to *B anthracis* (Trewavas 931 C)

Back pain Pyogenic spondylodiscitis due to *Fusobacterium varium* presenting with (case report) (de Gans et al 464)

Bacteraemia *Mycobacterium tuberculosis*, unrecognised in less developed countries (Hargreaves et al 141 C) (Hudson et al 141 C) (Harries 142 C) (McDonald et al 142 C) (David et al 143 C)

Bacteria Effect on pre-eclampsia occurrence (Viniker and Chattopadhyay 65 C); Endosymbiotic in worms as filariasis chemotherapy target (Hoerauf et al 1242 R); Penicillin deactivation mechanism (1247 N); Superantigen antagonist prevents toxic shock in mice (Fishman 1339 N); *Tropheryma whippelii* isolated and subcultured for first time (Mullan 904 N); Visualisation (historical) (Kruger et al 1713)

Bacterial vaginosis Preterm delivery risk (813 N)

***Balamuthia mandrillaris* (amoeba)** Free-living (McConnell 1435 N)

Balding Mechanism and possible treatment role of finasteride (Barth 161 Com)

Balkan war syndrome (1250 N)

Balkans Communicable disease surveillance (Christos et al 1465 C)

Bangladesh Injury-related (intentional/unintentional) deaths in women (Appleby 1203 Com) (Yusuf et al 1220); Mental health improvements called for (Ahmad 909 N); Physical health improvements called for in World Bank report (Ahmad 909 N); World Bank funding boost for national nutrition project (Ahmad 2059 N)

Barium enema Colonoscopy benefits over for colonic polyp detection and cancer screening (McCarthy 2225 N); Gastrojejunocolic fistula after gastroenterostomy presenting with weight loss and diarrhoea (case report) (Forrest et al 1238); Surveillance after colorectal cancer resection (review) (Berman et al 396)

Basal ganglia Changes in Gulf War veterans (1974 N)

Basophilia (Stock and Hoffman 1354)

Bats Rabies-infected and danger (Madsen 934 C)

Baum D Personal remembrance (Stoll 322 C)

B-cell lymphoma Diffuse large, molecular assay for outcome prediction (Bosch 473 N)

***BCR-ABL* fusion gene** In chronic myeloid leukaemia (Goldman 1031 Com) (Green 1659 Com) (Gunsilius et al 1688)

Bedrest Enforced and need for re-evaluation (Gebhardt and Bliss 844 C) (Glasziou et al 844 C)

Bee stings Allergy and paclitaxel hypersensitivity reaction relationship (Grosen et al 288 R)

Beer Consumption effect on serum homocysteine (van der Gaag et al 1522 R)

Behaviour Aggressive, increased by violent video games (Larkin 1525 N); High-risk and safety interventions (Richens et al 400) (Bagot and Revuz 1555 C) (Pinkerton 1556 C); Structured attention, as analgesia for invasive medical procedures (randomised trial) (Lang et al 1486)

Behavioural disorders Gelastic epilepsy presenting with (case report) (Bellman et al 2216)

Behçet's disease Colchicine and benzathine penicillin with/without interferon alfa-2b (randomised trial) (Demiroglu et al 605)

Belgium UK ruling on General Pinochet challenged (388 N) (478 N) (Ramsay and Bosch 732 N)

Benzathine penicillin Interferon alfa-2b with/without in Behçet's disease (randomised trial) (Demiroglu et al 605)

Benzodiazepine receptor Neuronal loss identified by PET in acute vegetative state (Rudolf et al 115 R) (Laureys et al 1825 C) (Hijdra et al 1826 C) (Jenkins and Wise 1826 C) (Rudolf et al 1827 C)

Benzodiazepines Prescribing in US *vs* Europe (Glass 734 N)

Bereavement counselling After perinatal loss and effects of perinatal necropsy (Doyle 2093 Com)

Berkowitz M Interview (Bendheim 1025)

Bernhard J D (586 L)

Beta-agonists For epinephrine-resistant food anaphylaxis (Pumphrey and Nicholls 1099 C); Short-acting inhaled, regular use or as needed in asthma (randomised trial) (Sears 1658 Com) (Dennis et al 1675)

β-sheet breaker peptides Prion protein conformation change reversion (Soto et al 192)

Benwoda W Scientific misconduct in breast cancer high-dose chemotherapy trial (Horton 942 Com) (Weiss et al 999) (Cleaton-Jones 1011 C) (Crown 1828 C)

Bias Against publication of surgical papers (Magos et al 413 C) (Smith 849 C) (Baum 1466 C)

Bignall J C (1656 L)

Bile acids Malabsorption in microscopic-colitis syndrome and pathophysiology/treatment (Schiller 1198 Com)

Biliary atresia Frequency and outcome in UK and Ireland (Rothwell 4 Com) (McKiernan et al 25) (Lloyd et al 1099 C)

Bill and Melinda Gates Foundation Pledge for Global Fund for Children's Vaccines (Ashraf 477 N)

Binge-eating Effect of decreasing vagal activity with ondansetron in bulimia nervosa (randomised trial) (Kiss 769 Com) (Faris et al 792)

Biochip Testing in Russian hospitals (Larkin 294 N)

Biocompatibility Of dialyser membranes and acute renal failure (Hoste et al 312 C) (Schiffl 312 C) (Jörres 313 C) (Kanagasundaram et al 313 C) (Star and Kimmel 314 C)

Biodiversity Agreement on biosafety protocol at Montreal summit (Kondro 477 N); Protest at Montreal summit (Ramsay 388 N)

Bioethics Website (Larkin 1655)

BioIndustry Patent for use of Indian Neem tree oil revoked (Röggla 1895 N)

BioInteractive science Website (Larkin 153)

Biological weapons US readiness to respond tested (1896 N)

BioMed Central Launch and debate over policies/peer-review and revenue sources (Larkin 2056 N)

Biomedical companies Scientists in and commercialism (857 E)

Biomedical engineering Artificial vision research (Larkin 1080 N)

Biomedical research Hepatology progress and interview with Rodés J (Bosch 730 N); Increased funding in US (Greenberg 731 N); See also Medical research

Biomedical science In Russia (Larkin 294 N)
Biosafety Agreement reached on global protocol at Montreal summit (Kondro 477 N); Montreal summit and protests at (Ramsay 388 N)
Biosensors Non-invasive glucose measurement in diabetes (Pickup 426 Com)
Birth rate Trends in Spain (Bosch 126 N)
Birth size Arterial compliance in young adults (Montgomery et al 2136 R)
Birthing houses In Japan (Misago et al 2256 C)
Births Multiple, limit in infertility management guidelines (UK) (Craft et al 1103 C) (Templeton 1999 C); *See also* Childbirth
Bishop J M (Raju 1106)
Bisphosphonates In multiple myeloma (Tricot 248 Com)
Black J W (Raju 1022)
Bladder Locally advanced tumours, radiotherapy vs radiotherapy plus hyperthermia (randomised trial) (van der Zee et al 1119); Overactive and benefits of tolterodine (Magee 1434 N)
Blastocysts Failure of elimination of paternal mitochondrial DNA (St John et al 200 R)
Bleeding In cardiac surgery and pharmacological control (Gans 753 C); Perioperative, aprotinin for (randomised trial) (Segal and Hunt 1289 Com) (Porte et al 1303) (1830 correction)
Bleeding disorders Investigation and treatment (Dahlbäck 1629); Platelet disorders causing (George 1532)
Blindness Artificial vision research (Larkin 1080 N); WHO's Vision 2020 programme launched for Africa (Ahmad 1528 N); WHO's Vision 2020 programme for southeast Asia (Kumar 816 N)
Blood Abnormalities/involvement in systemic disorders (review) (Spivak 1707); Oxygenation and evidence for role of fMRI (Butcher 2224 N)
Blood clots Removal by laser thrombolysis (Bonn 1976 N)
Blood culture For mycobacteraemia diagnosis (Hargreaves et al 141 C) (Hudson et al 141 C) (Harries 142 C) (McDonald et al 142 C) (David et al 143 C)
Blood donations Concerns over reduction in Spain (Bosch 1529 N); HCV transmission by blood with negative nucleic acid amplification test for HCV RNA (Schüttler et al 41 R); Irish government subsidy for tainted-blood tribunal (Birchard 52 N); Refusal from homosexual in South Africa and controversy over (Larkin 1799 N); Safety statistics (WHO) (Larkin 1245 N); Tainted, settlement in the Netherlands (127 N); WHO safety initiative (Larkin 1245 N)
Blood pressure Coronary heart disease risk and lifestyle factors associated (Senior 206 N); Lower salt intake linked to decrease (DASH-sodium trial) (Frankel 1891 N); Measures and meanings, and hypertension thresholds (Alderman 159 Com) (Port et al 175); Reduction in pregnancy and effect on fetal growth (de Swiet 81 Com) (von Dadelszen et al 87) (Churchill et al 1366 C) (Carbonne et al 1367 C) (Magee 1367 C); Variability in elderly with hypertension and primary autonomic failure (Vagaonescu et al 725 R) (Kario and Pickering 1645 C); In young adults and mortality from cardiovascular disease (McCarron et al 1430 R); *See also* Hypertension
Blood products Computer-assisted validation process for prescriptions for (Lapierre et al 465 R); Contamination case in Japan and jailing of pharmaceutical executives (Watts 816 N); Irish inquiry into HIV and HVC infections from (Birchard 1705 N)
Blood transfusions Computer-assisted validation process for prescriptions for (Lapierre et al 465 R); Hepatitis transmission prevention and nucleic acid amplification testing (Sacher et al 331 Com) (Otake and Nishioka 1460 C); Intrauterine red cell transfusion and maternal/fetal HCV exposure by (Geulen et al 1887 R); Requirements in liver transplantation (randomised trial) (Segal and Hunt 1289 Com) (Porte et al 1303) (1830 correction); WHO safety initiative (Larkin 1245 N)
Body dysmorphic syndrome Amputation of healthy limbs in apotemnophilia in UK (Ramsay 476 N); Surgery of little benefit (Ashraf 2055 N)
Body lice (Chosidow 823 S)
Body mass index (BMI) Increased in narcolepsy (Schuld et al 1274 C); Insulin resistance and hepatic iron overload syndrome (Ferrannini 2181 Com)
Body temperature Cluster headache association (Peres et al 147 C)
Bolivia Soldiers as health workers and health information communicators (Chelala 2057 N)
Bone Ancient and use for disease research (Bosch 1248 N); Destruction mechanism in multiple myeloma (Tricot 248 Com); Imaging by three-dimensional ultrasonography (Hünerbein et al 116 R); Microgravity-induced loss and implications for cosmonauts (Holick 1569 Com) (Vico et al 1607); Mineral density and effect of exercise during growth on fractures in elderly (Karlsson et al 469 R) (Lorentzon et al 1909 C) (Sievänen et al 1909 C) (Goodfellow et al 1910 C) (Karlsson and Seeman 1911 C); Mineral density and effect of inhaled corticosteroids in asthma (Sambrook 1385 Com) (Wong et al 1399); Mineral density increased by statins in postmenopausal women (Edwards et al 2218 R); Mineral density loss in men with eating disorders (Andersen et al 1967 R); Mineralisation and fluoridation of water (Rosen 247 Com) (Hillier et al 265) (Downey 1644 C) (Coggon and Cooper 1645 C) (Mansfield 1645 C); Pain, local radiotherapy and effect on urinary markers of osteoclast activity (Hoskin et al 1428 R); Poor quality affecting outcome of total hip arthroplasty (Broos and Fourneau 1479 Com) (Kobayashi et al 1499); Resorption markers and effect of local radiotherapy (Hoskin et al 1428 R); Role in osteoarthritis pathogenesis (Senior 208 N); Screening programme closed in New York after black women denied access (Newman 1704 N)
Bone-marrow derived endothelial cells Chronic myeloid leukaemia origin (Green 1659 Com) (Gunsilius et al 1688)
Bone-marrow stem cell transplantation Peripheral blood stem cells vs in haematological malignancies (randomised trial) (Bensinger and Deeg 1199 Com) (Powles et al 1231)
Bone-marrow transplantation Adoptive transfer of vitiligo after (Neumeister et al 1334 R); Effect of European centre on outcome in acute myeloid leukaemia (Frassoni et al 1393); Vitiligo after ganciclovir treatment of GvHD after receiving donor T-cells expressing HSV thymidine kinase (Aubin et al 626 R)
Bornavirus Human and laboratory strain similarities (Bode et al 1462 C) (Nowotny and Kolodziejek 1462 C) (Staeheli and Schwemmle 1463 C); Isolates of human origin (Planz et al 656 C) (Staeheli and Schwemmle 656 C)
Botulinum toxin Extreme potency (Schechter and Arnon 237 C)
Bovine spongiform encephalopathy (BSE) Outbreak risk in Spain and anger over (Bosch 2058 N); Testing of European cattle (Birchard 1252 N)
Bowel Artificial sphincter, reassessment and MRSA-induced failures (Malouf et al 2219 R); *See also* Colon; Intestine
Bowel wall Thickness measured by ultrasound as Crohn's disease activity marker (Haber et al 1239 R)
Brain Damage in Gulf War veterans (1974 N); Decade, advances and new challenges (Morris 45 N); Drug users', investigation after death (Spain) (Bosch 1889 R); Local plasticity (hippocampus) in taxi-drivers (Mullan 993 N); Malignant tumours, temozolomide treatment (Batchelor 1115 Com); Melanisation of *Cryptococcus neoformans* (Nosanchuk et al 2049 R); Neural transplantation progress (Melton 2142 N); Neurosurgery for vascular malformations (McCarthy 630 N); Research, data-donor scheme (Taylor 849 C); Seizures and epilepsy after injury (Chadwick 334 Com); Size, increase associated with abstinence from alcohol (Liu et al 1969 N); *See also entries beginning cerebral*
Brain death Certification procedure and death by decree (essay) (Sahni 223); Involuntary movements after (Ahmad 206 N)
Brain natriuretic peptide Heart failure treatment guided by levels (Dries and Stevenson 1112 Com) (Troughton et al 1126); Individualisation/tailoring of heart failure treatment (Willenheimer and Swedberg 2012 Com)
Brainstem Arousal mechanisms and role of orexins (Taheri et al 847 C)
Brazil Epidemic nephritis (Balter et al 1776)
***BRCA1* gene product** Function and role of cellular response to DNA damage by ionising radiation (Haber 2090 Com)
***BRCA1/BRCA2* mutations** Absence in non-hereditary forms of breast cancer (Haber 2090 Com); Breast cancer and Gail model for interaction (Gail and Greene 1017 C); Breast cancer risk reduction by prophylactic mastectomy (McCarthy 1245 N); Mechanism of action of mutated alleles and DNA damage response (Haber 2090 Com); Presymptomatic DNA testing and prophylactic surgery (Meijers-Heijboer et al 2015)
Breast cancer Biomarkers for relapses (McCarthy 1338 N); *BRCA1/BRCA2* mutations and Gail model for interaction (Gail and Greene 1017 C); Court challenge over gamete storage decision (Birchard 50 N); Ductal carcinoma in situ, radiotherapy after local excision and EORTC trial (Silverstein and Lagios 510 Com) (Julien et al 528) (1190 correction) (Brenner et al 2071 C) (Mokbel et al 2071 C) (Joseph et al 2072 C) (Julien et al 2072 C) (Millar and Rodger 2072 C); Ductal carcinoma in situ see Ductal carcinoma in situ (DCIS); Early, effects on survival of radiotherapy (meta-analysis) (Kurtz 1739 Com) (Early Breast Cancer Trialists' Collaborative Group 1757); Full-field digital mammography and screening advances (Senior 1796 N); HER2 overexpression and relapses (Barnes and Miles 160 Com); High-dose chemotherapy and need for rethink after scientific misconduct case (Bergh 944 Com); High-dose chemotherapy trial positive (interim results of Dutch study) (McNamee 1973 N); High-dose chemotherapy trial and scientific misconduct case (Bezwoda) (Horton 942 Com) (Weiss et al 999) (Cleaton-Jones 1011 C) (Crown 1828 C); High-dose chemotherapy trial and scientific misconduct inquiry (Farham and Bradbury 553 N); Immunohistochemical detection of lymph node metastases (Bembenek et al 144 C) (Torrenga et al 144 C); Influence of psychological response on survival (Leonard 404 C) (Petry 404 C) (Temoshok 404 C) (Tashiro et al 405 C) (Watson et al 405 C) (Carroll 406 C) (Greer 847 C) (Watson et al 848 C) (850 correction); Lobular carcinoma in situ and invasive breast cancer risk after (Wärnberg et al 724 R); Metastatic, docetaxel-based chemotherapy associated with colitis (Ibrahim et al 281) (de Matteis et al 1098 C) (Sezer et al 1823 C) (Ibrahim 1824 C) (Kreis et al 2164 C); Metastatic disease reduction by routine mammography in elderly (Bosch 553 N); Metastatic disease response to trastuzumab (Barnes and Miles 160 Com); Metastatic disease survival not improved by high-dose chemotherapy (Bradbury 905 N); Mortality decline (ages 20-69) in US and UK (Peto et al 1822 C); MRI screening and detection by (Senior 1796 N); Novel non-angiogenic pathway in metastases (Breast Cancer Progression Working Party 1787 R); Prediction of long-term outcome of T1a/T1b and 10-14mm cancers by mammographic method (Tabár et al 429) (850 correction) (1372 correction) (Atkins 1551 C) (Chappuis et al 1551 C) (Blamey 1552 C) (Spratt 1552 C) (Tabár et al 1552 C); In premenopausal women and inadequacy of chemotherapy in oestrogen receptor-positive disease (Stockler and Beith 1839 Com) (Aebi et al 1869); Prevention by selective oestrogen receptor modulator (SERM) (McNamee 729 N); Risk after breast carcinoma in situ (Wärnberg et al 724 R); Risk reduction in *BRCA* mutation-positive women by prophylactic mastectomy (McCarthy 1245 N); Screening programme assessment and evidence for/against screening (de Koning 80 Com) (Gøtzsche and Olsen 129) (Duffy and Tabar 747 C) (Miller et al 747 C) (Moss et al 748 C) (Nyström 748 C) (Hayes et al 749 C) (Law et al 749 C) (Cates and Senn 750 C) (Leung et al 750 C) (Baum 751 C) (Rozenberg et al 751 C) (Gøtzsche and Olsen 752 C); Screening proposed in Germany (Röggla 909 N); Tamoxifen prevention study (IBIS) update (McNamee 729 N)
Breastfeeding Effect on infant/child mortality due to infectious disease in developing countries (WHO Collaborative Study Team on the Role of Breastfeeding on the Prevention of Infant Mortality 451) (1104 correction) (Brahmblatt and Gray 1370 C); Hirudin treatment of mother (Lindhoff-Last et al 467 R); Perinatal HIV-1 transmission prevention (Mofenson and McIntyre 2237); Website (Larkin 326 D); Weight loss by dieting during (729 N)
Breech babies Call for better diagnosis in UK report (Ramsay 2228 N)
British American Tobacco Smuggling charges (Dean 557 N)
British and Irish Legal Information Institute Website (Larkin 1563)
British Medical Association (BMA) Campaign for debt relief for poor nations (2229 N); Implications of Shipman case (421 E) (Ashraf 471 N); Media criticised over use of excessively slim models (1980 N)
British Medical Journal (BMJ) Apology to Scotia Holdings over photodynamic therapy and temoporfin report (Ashraf 2139 N); Fast-track publication and early uptake of research findings (Ghali and Cornuz 579 C); Surgical papers and potential bias against/towards (Smith 849 C)
British National Formulary Italian edition to provided for Italian doctors/pharmacists (Simini 125 N)
British Pregnancy Advisory Service Website (Larkin 1375)
British Society for Antimicrobial Chemotherapy Antibiotics without prescription and "bacterial or medical resistance"? (Bauchner and Wise 1480 Com)
British Union for the Abolition of Vivisection (BUAV) Xenotransplantation debate (Fano 407 C) (Orr 408 C)
Bronchodilators Home-made spacers trial (Cates 70 C) (Zar et al 70 C); Short-acting inhaled ß-agonists as needed or regular use in asthma? (randomised trial) (Sears 1658 Com) (Dennis et al 1675)
Brovina F Paediatrician imprisoned in Kosovo (Cohen 839)
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Brugada syndrome Sudden cardiac death in children (Priori et al 808 R)
Bubbles Urinary, surface tension changes for proteinuria detection (Diskin et al 901 R)
Buildings "Sick house syndrome" treatment measures in Japan (Watts 1798 N)
Bulimia nervosa Chronic, ondansetron treatment by decreasing vagal activity and questions raised (ran-

domised trial) (Kiss 769 Com) (Faris et al 792)
***Burkholderia pseudomallei* infection** Presenting with neck lumps (case report) (Kärcher et al 1070)
Burns In childhood and good outcomes and quality of life after (Bradbury 121 N); Prefabricated vascularised supraclavicular flaps for face resurfacing (Teot et al 1695 R); Temoporfin association and BMJ apology to Scotia Holdings over report (Ashraf 2139 N)
***N*-Butyldeoxynojirimycin (OGT 918)** Gaucher's disease treatment (Cox et al 1481)

C

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Calcium channel antagonists Diltiazem for secondary prevention of myocardial infarction (randomised trial) (Rosendorff 1738 Com) (Boden et al 1751); Drug interchangeability (Drummond 316 C) (McNee et al 316 C) (Furberg et al 317 C) (Wierzbicki et al 317 C)
Calcium folinate Irinotecan plus fluorouracil for metastatic colorectal cancer (randomised trial) (Douillard et al 1041) (1372 correction)
Campaign for Responsible Transplantation (CRT) Xenotransplantation debate (Fano 407 C) (Orr 408 C)
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Fathers Dioxin concentrations and sex ratio of offspring (Clapp and Ozonoff 1838 Com) (Mocarelli et al 1858)
Fatty acid amide hydrolase (FAAH) Prediction of pregnancy loss (Lockwood 1292 Com) (Maccarrone et al 1326)
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Fauser B (2086 L)
Fecundity Variations and trends in Britain (te Velde et al 1928 Com) (Joffe 1961)
Federal Trade Commission (US) Cigarette testing method and tar/nicotine levels (Ahmad 381 N)
Feet Philoctetes and possible mycetoma (Madura foot) (Bryceson 850 C); Warts, photodynamic therapy with 5-aminolaevulinic acid *vs* placebo (randomised trial) (Stender et al 963)
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Fertility Time trends in Britain and time to pregnancy variations (te Velde et al 1928 Com) (Joffe 1961)
Fertility specialist Legal case with Nottingham University (Ramsay 817 N) (857 N)
Fertility treatment Frozen eggs to be allowed in UK (Ashraf 387 N); Illegal ova sales investigation in Israel (Fishman 633 N)
Fetal tissue Illegal sales allegations in US and threats to research (998 N)
Fetus Graft tissue/cells and alternatives to (Melton 2142 N); Growth restriction and sexual origins of placental dysfunction (Edwards et al 203 R); Growth retardation after maternal antihypertensive drug therapy (de Swiet 81 Com) (von Dadelszen et al 87) (Churchill et al 1366 C) (Carbonne et al 1367 C) (Magee 1367 C); HCV exposure by intrauterine transfusion (Geulen et al 1887 R); Hospital pathology practices in Ireland (Birchard 1083 N); Hydrops, human herpes virus 6 DNA detected (Ashshi et al 1519 R); Infection with HBeAg via placenta (Wang and Zhu 989 R); Intrapartum surveillance by cardiotocograpy *vs* cardiotocography plus PR-interval analysis (randomised trial) (Whittle 422 Com) (Strachan et al 456) (Rosén 1823 C); Male, in-utero loss associated with placental insufficiency (Edwards et al 203 R); Origins of reduced arterial distensibility in donor twin in twin-twin transfusion syndrome (Cheung et al 1157 R); Pharmacological implications of lengthened in-utero exposure to nevirapine (Taylor et al 2134 R)
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Gait Disturbance in giant-cell arteritis (case report) (Zeidler et al 374); Walking *vs* running in acute vestibulopathy (Brandt et al 233 C) (Bronstein 233 C)
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Gallstones Formation process assessed by cryogenic transmission electron microscopy (Fishman 382 N); Vitamin C levels as risk factor (1433 N)
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Gavestinel (GV 150526; glycine antagonist) Neuroprotection in acute ischaemic stroke (randomised trial) (Gorelick 1925 Com) (Lees et al 1949)
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Global Forum for Health Research Research funding and global disease burden mismatch (Ahmad 1706 N)
Globus pallidus internus Stimulation for treatment of DYT1-generalised dystonia (Coubes et al 2220 R)
Glomerulonephritis Outbreak in Brazil due to unpasteurised dairy products (Balter et al 1776)
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Glucocerebroside Synthesis reduction by OGT 918 (*N*-butyldeoxynojirimycin) for Gaucher's disease treatment (Cox et al 1481)
Glucocorticoids Short-term high-dose and suppression/recovery of adrenal response (Henzen et al 542) (Payne 1458 C) (Shuster 1458 C) (Vanpee and Gillet 1458 C) (Henzen 1459 C) (Kasperlik-Saluska and Słowińska-Srzednicka 1459 C); *See also* Corticosteroids
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Health care staff Attitudes to smoking in Japan (Ueno and Kawabata 238 C); Bolivian soldiers role (Chelala 2057 N); Imprisoned, Amnesty International report (1980 N); Influenza vaccination for workers in long-stay hospitals for elderly (randomised trial) (Nicholson 83 Com) (Carman et al 93) (Barlow and Nathwani 1187 C) (Halder et al 1187 C); New strategies in Kazakhastan (Almagambetova 1978 N); Stress and psychiatric disorders (Weinberg and Creed 533)
Health and human rights Aboriginal reconciliation and deterioration of relations (Loff and Anderson 2070); Brovina F (paediatrician) imprisoned in Kosovo (Cohen 839); Damage to Chechnya's medical establishment (Raymond 2068); Death penalty suspended in Illinois (Welsh 840); Equity, post-conflict and human rights (Canadian meeting) (Zwi 2069); Landmine incidents and injuries measurement (Cobey and Ayotte 1549); Prevention of torture and duty of care of physicians (Wenzel et al 1550); Rights of severely mentally ill in post-conflict societies (Silove et al 1548); Sexual abuse of men in detention in Sri Lanka (Peel et al 2069); South African physicians need to confront past and work towards human rights (de Gruchy and Rubenstein 838); Trauma of war in Sierra Leone (de Jong et al 2067)
Health information Communication by Bolivian soldiers (Chelala 2057 N)
Health insurance Coverage for uninsured proposed by President (McCarthy 386 N); For elderly in Japan (Watts 1249 N)
Health watch system Wanted for Europe by Council of Europe (Rogers 477 N)
Hearing impairment Neonatal screening (Grote 513 Com)
Heart Cytochrome P450 enzyme distribution (Park 945 Com) (Thum and Borlak 979) (Idle 1824 C) (Tie et al 1825 C)
Heart failure ACE inhibitor therapy (ELITE II randomised trial and systematic overview) (Velazquez and Califf 1568 Com) (Flather et al 1575) (Pitt et al 1582); Acute, QT dispersion as predictor after high-dose cyclophosphamide (Nakamae et al 805 R); Chronic see Chronic heart failure; Individualisation/tailoring of treatment (Willenheimer and Swedberg 2012 Com); Prognostic factors and assessment by 6-min-walk test (Willenheimer and Erhardt 515 Com); Treatment guided by brain natriuretic peptide levels (Dries and Stevenson 1112 Com) (Troughton et al 1126); Website (243)
Heart transplantation Acute rejection due to St John's wort (Ruschitzka et al 548 R) (Breidenbach et al 1912 C); HLA-G role in graft acceptance (Lila et al 2138 R)
Heat illness Death of British officer-cadet (viewpoint) (Porter 569) (Kashmeery 1992 C) (Shani et al 1992 C) (Brahams 1993 C) (Dearing 1993 C) (Porter 1993 C) (Porter 1994 C)
Heat shock proteins Effect on polyglutamine aggregate production in neurodegenerative diseases (1889 N); Production induced by microwave radiation (Butcher 1793 N)
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Hendra virus Classification (1891 N)
Heparin In acute coronary syndrome without ST-segment elevation (meta-analysis) (Becker 1926 Com) (Eikelboom et al 1936); Low-molecular-weight see Low-molecular-weight heparin (LMWH)
Hepatic metastases Improved outcome after floxuridine and dexamethasone after resection (122 N); Micrometastases detection by pulse-inversion mode imaging (Harvey et al 807 R)
Hepatitis Autoimmune, target antigen identification for SLA/LP autoantibodies (McFarlane 1475 Com) (Wies et al 1510)
Hepatitis B infection Booster immunisations for lifelong immunity (Consensus Statement) (European Consensus Group on Hepatitis B Immunity 561) (Yoshida and Saito 1464 C); Transfusion-transmission prevention and nucleic acid amplification testing (Sacher et al 331 Com) (Otake and Nishioka 1460 C); Vaccination recommendations (Consensus Statement) (European Consensus Group on Hepatitis B Immunity 563)
Hepatitis B virus (HBV) E antigen, infection of fetus via placenta with (Wang and Zhu 989 R); Effect of mutants on vaccination efficacy (Zuckerman 1382 Com); Genotypes and mutations (Zuckerman 1382 Com); HBsAg mutants found in vaccinees and concerns (Chen 812 N); School-based vaccination programme and adolescent multiple sclerosis (Sadovnick and Scheifele 549 R)
Hepatitis C infection Compensation to haemophiliacs ruled out in UK (910 N); Role of parenteral antischistosomal therapy in spread in Egypt (Frank et al 887); Scandal in Spain and blame apportioned by newspaper (Bosch 818 N); Transfusion-transmission prevention and nucleic acid amplification testing (Sacher et al 331 Com) (Otake and Nishioka 1460 C)
Hepatitis C virus (HCV) Depression/anxiety after infection from blood products (Birchard 1705 N); Infected blood products inquiry in Ireland (Birchard 1705 N); Long-term infection not always causative of liver disease (Ahmad 291 N); Maternal/fetal exposure by intrauterine transfusion (Geulen et al 1887 R); Transmission by blood with negative nucleic acid amplification test for HCV RNA (Schüttler et al 41 R)
Hepatitis E infection Prevalence and transmission in Nepal (Stevenson 1623 N)
Hepatitis E virus Seroepidemiology of infections (Purcell and Emerson 578 C); Spread in Nepal and vaccine trials (Stevenson 1623 N)
Hepatocellular damage Serum alanine and aspartate aminotransferase levels as marker (Kew 591 Com) (Knapen et al 1463 C)
Hepatocytes Apoptosis induced by TRAIL (anticancer drug) (Senior 1620 N)
Hepatology Progress as a result of integration of basic and clinical research (Bosch 730 N)
Hepatotoxicity Paracetamol poisoning and results of legislative limitations (Poulin 2009 Com) (Prince et al 2047 R) (Turvill et al 2048 R)
HER2 (c-erb2 protein) Monoclonal antibody (trastuzumab) and response of metastatic breast cancer (Barnes and Miles 160 Com)
Herb-drug interactions (Fugh-Berman 134) (Jobst et al 575 C) (Windrum et al 1019 C) (1020 correction) (1104 correction)
Herbal medicines Drug interactions (review) (Fugh-Berman 134) (Jobst et al 575 C) (Windrum et al 1019 C) (1020 correction) (1104 correction)
Herbs Tighter monitoring by FDA (127 N)
Herd immunity Meningococcal vaccine (Marks et al 1015 C) (Özsoylu 1015 C) (Gikas et al 1016 C) (Sbyrakis and Galanakis 1016 C)
Hereditary non-polyposis colorectal cancer (HNPCC) Less counselling needed for genetic testing (Ashraf

2141 N)
Hereditary spastic paraparesis (Leonard and Schapira 390 S)
HERG gene And psychotropic drug effect on heart (Tie et al 1825 C)
Heroin *Clostridium novyi* as contaminant in UK/Ireland (Bonn 2230 N); Deaths of users and search for aetiological agent (Birchard 2053 N)
Herpes simplex virus (HSV) thymidine kinase Donor T-cell expression and vitiligo after ganciclovir for GvHD in (Aubin et al 626 R)
Herpes simplex virus type 2 Shedding in symptomless infections (Ahmad 1161 N)
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High-dose chemotherapy Autologous haematopoietic stem-cell transplantation with in HIV-1-associated lymphoma (Gabarre et al 1071 R); For breast cancer and need for rethink after scientific misconduct case (Bergh 944 Com); In breast cancer and scientific misconduct inquiry (Farham and Bradbury 553 N); Breast cancer trial positive (interim results of Dutch study) (McNamee 1973 N); Cavernosal arterial insufficiency and erectile dysfunction after in multiple myeloma (Chatterjee et al 1335 R); For high-risk breast cancer and Bezwoda trial fraud (Horton 942 Com) (Weiss et al 999) (Cleaton-Jones 1011 C) (Crown 1828 C); Survival in metastatic breast cancer not improved (trial) (Bradbury 905 N)
Higher Education Funding Council Academic publications stressed over public-outreach activities (941 E)
Highly active antiretroviral therapy (HAART) Immune repopulation after in HIV-infected children (Gibb et al 1331 R); Survival after in known duration of HIV-1 infection (CASCADE Collaboration 1158 R); Time from HIV-1 seroconversion to AIDS and death before (Collaborative Group on AIDS Incubation and HIV Survival including the CASCADE EU Concerted Action 1131); Timing and maximising benefits (Harrington and Carpenter 2147)
Hip Congenital dislocation, screening (Godward 231 C) (Chan et al 232 C) (Leck 232 C); Deformity, tuberculous arthritis causing and smile after treatment of Ethiopian (Craven 2170 C); Irritable in children and minimally invasive management approach (Beach 1202 Com); Structure, affecting outcome of total hip arthroplasty (Broos and Fourneau 1479 Com) (Kobayashi et al 1499); Total arthroplasty outcome affected by host factors (bone quality and hip structure) (Broos and Fourneau 1479 Com) (Kobayashi et al 1499)
Hip fractures In elderly and reflections on nursing homes (Greenbaum 745 Es); Risk associated with fluoridation of water fallacy (Rosen 247 Com) (Hillier et al 265) (Downey 1644 C) (Coggon and Cooper 1645 C) (Mansfield 1645 C)
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Hirudin Treatment in breastfeeding women (Lindhoff-Last et al 467 R)
History Medical see Medical history
Hitchings G H (Raju 1022)
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HIV-1 activists Protests after arrests in India (Kumar 1896 N)
HIV-1 infection 23-valent pneumococcal polysaccharide vaccine in Uganda (randomised trial) (French et al 2106); Adefovir trial results (Bradbury 46 N); Anal cancer incidence and screening (Rowe 1973 N); Blood contamination case in Japan and jailing of pharmaceutical executives (Watts 816 N); Business response in South Africa (478 N); Chimpanzee protection mechanism (Van de Perre 1649 C); Debate and politics on care in South Africa (1473 E) (Clumeck 2162 C) (O'Farrell 2162 C) (Stewart et al 2162 C) (Sonnabend 2163 C); Early cell gene expression altered by (McCarthy 205 N); Efavirenz effectiveness but high costs (Ahmad 46 N); Fluconazole donation for cryptococcal meningitis in South Africa ('t Hoen 1528 N); Immune repopulation after HAART in children (Gibb et al 1331 R); Infectiousness of *Mycobacterium tuberculosis* (Espinal et al 275) (Bonora et al 2077 C) (Caylà et al 2078 C) (Espinal and Reingold 2078 C); In Latin America and Caribbean (2087 E); Lymphoma and high-dose chemotherapy with haematopoietic stem-cell transplantation (Gabarre et al 1071 R); Male circumcision and (Harrison 926 C) (Pittas-Giroux 926 C) (Potts 926 C) (Bailey and Halperin 927 C) (Green 927 C); Nevirapine trial deaths in South Africa and controversy (Baleta 1342 N); New treatment prospects (Morris 555 N); Prevalence in Latin America and Caribbean (2087 E); Progress and disappointing results on new treatments (conference) (Morris 555 N); Reduced indinavir concentrations after St John's wort and drug resistance development (Piscitelli et al 547 R); Retinitis due to syphilis in (case report) (Young et al 984) (Kuruvilla 2073 C); Safety interventions and high-risk behaviour (Richens et al 400) (Bagot and Revuz 1555 C) (Pinkerton 1556 C); Salvage therapy (Mellors and Montaner 1435 N); *Streptococcus pneumoniae* infection and prevention by 23-valent polysaccharide vaccine (French et al 2106); Structured treatment interruptions (Lori et al 287 R); Superinfection after transmission of drug-resistant HIV (Morris 555 N); Survival after HAART in people with known infection duration (CASCADE Collaboration 1158 R); Syphilis increase in Manchester (UK) (Higgins et al 1466 C); T-cell receptor rearrangement excision DNA circles (TREC) and clinical outcome (Hatzakis et al 599); Time from seroconversion to AIDS and death before HAART use (Collaborative Group on AIDS Incubation and HIV Survival including the CASCADE EU Concerted Action 1131); Tolerability and side-effects of post-exposure prophylaxis (Parkin et al 722 R) (Puro et al 1556 C); *Toxoplasma* encephalitis and *Pneumocystis carinii* pneumonia (Furrer et al 2217 R); Transmission decreased by caesarean section and effect of antiretroviral therapy (Ricci et al 496 C); World Health Assembly on drug availability and cost reduction (Kapp 1894 N); See also AIDS
HLA matching For kidney transplantation by use of CREGs (cross-reactive groups) (McKenna and Takemoto 1842 Com)
HLA-DQ8 Role in diabetes shown in mouse model (Rowe 206 N)
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Hodgkin's lymphoma Molecular basis (review) (Stewart and Schuh 1450)
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Human Fertilisation and Embryology Authority (HFEA) Controversy over parent's access to dead son's sperm (Ramsay 50 N); Evidence-based guidelines on infertility management and (Craft et al 1103 C) (Templeton 1999 C); Frozen eggs to be allowed for fertility treatment (Ashraf 387 N); Gamete storage controversy and court challenge by breast cancer patient (Birchard 50 N); See also In-vitro fertilisation
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Human papillomavirus (HPV) Cost-effective testing in women with borderline smears (Szarewski 1247 N)
Human rights Abuse accusations and Saudi Arabia invitation to UN (Ahmad 1251 N); Alarm over prosecution of Turkish doctors (Ahmad 1167 N); Continued persecution of Falon Gong sect in China (Ahmad 733 N); No improvement in Tibet (Ahmad 211 N); Poor record in Pakistan (Ahmad 1083 N); South African physicians need to confront past and work towards improvements (de Gruchy and Rubenstein 838); Websites (Larkin 1285); Wide-ranging changes to procedures in Pakistan (Ahmad 1624 N); See also Health and human rights
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Hyaluronic acid Binding of malaria-infected red cells in placenta (Senior 122 N)
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Hydatid disease Presentation with mass in lumbar vertebra (case report) (Elton et al 2132)
Hydrocephalus Normal pressure, reversible dementia due to (case report) (Formiga et al 1154) (Heckmann et al 2075 C)
Hydrogen breath test Lactose intolerance presenting with muscle pain (case report) (Matthews and Campbell 1330)
Hydrops Fetal, human herpes virus 6 DNA detected (Ashshi et al 1519 R)
Hydroxymethylglutaryl-coenzyme A (HMG-CoA) reductase Inhibitors and risk of fractures among older women (Chan et al 2185)
Hygiene hypothesis Of childhood asthma and evidence (Kleinert 1795 N)
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Hypercholesterolaemia Maternal and effect on atherosclerosis in children (Ravnskov 69 C); Soluble thrombomodulin (Constans et al 145 C); In stroke (Hankey and Warlow 320 C) (Singer 321 C)
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Hypercortisolism Endogenous Cushing's syndrome presenting with opportunistic infection (case report) (Razavi et al 1426)
Hyperemesis gravidarum Sex of child and (Galanakis 756 C) (Verkuyl 756 C); Sex ratio and hCG link (James 407 C) (Sørenson et al 407 C)
Hyperglycaemia Stress, with myocardial infarction and increased risk of death (Capes et al 773) (Marfella and Giugliano 1647 C) (Oliver 1647 C) (Burden 2170 C)
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Hyperhomocysteinaemia Reduction, end-point for trials and benefits (randomised trial) (Bostom and Garber 511 Com) (Vermeulen et al 517)
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Primaryearly surgery (Toft 1478 Com); reversible dementia due to (case report) (Formiga et al 1154) (Heckmann et al 2075 C)
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Hypertension Age-dependent and sex-dependent blood pressure threshold (Alderman 159 Com) (Port et al 175); Animal model and gene identification (Rowe 1525 N); Antisense therapy (Doevendans 554 N); Benefits of lower salt intake (DASH-sodium trial) (Frankel 1891 N); Cardiovascular damage in primary autonomic failure (Vagaonescu et al 725 R) (Kario and Pickering 1645 C); Central serous retinopathy and migraine due to (Proctor 502 C); CFTR modulation as therapeutic target (Super 1840 Com); Coronary heart disease risk and lifestyle factors associated (Senior 206 N); Development linked to anxiety and depression (1078 N); Doxazosin clinical alert and assessment needed (1163 N); Gene identification study in rats (Doevendans 554 N); Genes identification progress (Rowe 1525 N); Isolated systolic, risks of untreated/treated in elderly (meta-analysis) (Staessen et al 865); Management in STOP-2 trial (Fuchs 651 C) (Safar et al 651 C) (Wang et al 651 C) (Siebenhofer et al 652 C) (Steffen et al 652 C) (Brown et al 653 C) (Hansson et al 653 C); Nocturnal polyuria of elderly associated (hypothesis) (McKeigue and Reynard 486); Pregnancy and effect of antihypertensive therapy on fetal growth (de Swiet 81 Com) (von Dadelszen et al 87) (Churchill et al 1366 C) (Carbonne et al 1367 C) (Magee 1367 C); Racial differences explained by transforming growth factor β_1 hyperexpression (Bradbury 1077 N); T594M polymorphism (sodium channel) association (Cappuccio et al 1278 C); Treatment with ascorbic acid (Ness and Sterne 1271 C) (Rolla et al 1271 C) (Ceriello et al 1272 C) (Kostis et al 1272 C) (Das 1273 C) (Duffy and Vita 1273 C); *See also* Blood pressure
Hyperthermia Plus radiotherapy in locally advanced pelvic tumours (randomised trial) (van der Zee et al 1119)
Hypertrophic cardiomyopathy Pathogenesis of diverse phenotypes (hypothesis) (Marian 58) (Östman-Smith and Wettrell 928 C); Treatment by alcohol septal ablation (Maron 425 Com)
Hypnosis For invasive medical procedures (randomised trial) (Lang et al 1486)
Hypochlorhydria *Helicobacter pylori* causing and cholera pathogenesis after (Shahinian et al 377 R)
Hypocretin (orexin) pathway For sleep and hypocretin deficiency in narcolepsy (George and Singh 6 Com) (Nishino et al 39 R) (Taheri et al 847 C) (Schuld et al 1274 C)
Hypocretin receptor 2 Alterations in narcolepsy (George and Singh 6 Com) (Nishino et al 39 R) (Taheri et al 847 C) (Schuld et al 1274 C)
Hypokalaemia Fat absorption in cystic fibrosis and (Hunter et al 900 R)
Hypokalaemic periodic paralysis In distal renal tubular acidosis and presenting with recurrent paralysis (case report) (Koul and Wahid 1612)
Hypothermia Neonatal indicator (Morley and Blumenthal 659 C) (Kennedy et al 1364 C); Resuscitation after extreme hypothermia of 13.7°C with circulatory arrest (Gilbert et al 375 R)

Hypothesis

COX-1, COX-2 and COX-3 and chronic inflammatory disease treatment (Willoughby et al 646)
Dengue case fatality rates in epidemics and role of escape mutants (Guzmán et al 1902)
Hypertrophic cardiomyopathy phenotypes pathogenesis (Marian 58)
Nocturnal polyuria of elderly and essential hypertension relationship (McKeigue and Reynard 486)
Prenylation inhibitors in renal disease (Khwaja et al 741)

Hypothyroidism Subclinical and increased risk of heart attacks (Moore 629 N)
Hypoxanthine-guanine phosphoribosyltransferase (HPRT) Chemotherapy-induced gene mutations in leukaemia (Mullan 1435 N)
Hypoxia Perinatal, possibly causing gelastic epilepsy (case report) (Bellman et al 2216)
Hypromellose Cataract surgery with and corneal opacities after (Newton et al 290 R)
Hysteria Conversion, hypnotic paralysis similarity on imaging (Halligan et al 986 R); Motor symptoms, neurophysiological correlates in prefrontal cortex (Spence et al 1243 R)

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Iceland Genetic database project and WMA guidelines (Kapp 1704 N); Health database (website) (Larkin 1375); Medical records and genetic information on database (Bradbury 554 N)
Icodextrin Allergic reactions in renal failure (Goldsmith et al 897 R) (Filho 1364 C)
ICON-3 trial Paclitaxel and carboplatin in ovarian cancer (McNamee 1890 N)
Idiopathic thrombocytopenic purpura (George 1535)
Imaging Hypnotic paralysis and implications for conversion hysteria (Halligan et al 986 R)
Immortality Longevity and need for meaning to life in old age (Lewin-Fetter 72 C)
Immune system Metastatic tumour phenotype selection (Ashrafian 654 C) (Seymour et al 655 C); Restoration after HAART in HIV-1 infected children (Gibb et al 1331 R)
Immunisation Aerosol or subcutaneous route for measles vaccine (randomised trial) (Dilraj et al 798); Anthrax see Anthrax; Boosters for lifelong hepatitis B immunity (Consensus Statement) (European Consensus Group on Hepatitis B Immunity 561) (Yoshida and Saito 1464 C); Emergency *vs* routine against epidemic meningitis in Africa (Peltola 3 Com) (Woods et al 30) (Obaro 1184 C) (Lewis et al 1185 C) (Woods et al 1185 C) (de Chabalier et al 2252 C) (McDamien et al 2252 C) (Woods et al 2252 C); Impact on pertussis transmission (Rohani et al 285 R) (Gay and Miller 1553 C) (Rohani et al 1553 C); Performance-linked funding for developing countries (Ashraf 1798 N); Polio campaign in China (Ahmad 559 N); Public and private organisations unite for global campaign (Ashraf 477 N); School-based hepatitis B programme and adolescent multiple sclerosis (Sadovnick and Scheifele 549 R); *See also* Vaccines
Immunity Herd and meningococcal vaccine (Marks et al 1015 C) (Özsoylu 1015 C) (Gikas et al 1016 C) (Sbyrakis and Galanakis 1016 C); Type 1, enhanced by indoor endotoxin exposure in early life and allergen sensitisation prevention (Gereda et al 1680)
Immunocompromised state Cushing's syndrome associated with adrenocortical carcinoma and presenting with cryptococcal meningitis (case report) (Razavi et al 1426)
Immunodeficiency Gene therapy (Barbour 384 N)
Immunoglobulin G (IgG) IgG4 anti-IgA autoantibodies in all human beings and ELISA artifacts due to (Hennig et al 1617 R)
Immunohistochemistry Detection of lymph node metastases (Bembenek et al 144 C) (Torrenga et al 144 C); Nodular thyroid lesions (Bartolazzi 1661 Com)
Immunosuppressed patients Varicella vaccine (Buttery and Moxon 1930 Com)
Immunosuppression Sirolimus–tacrolimus combination after transplants (McAlister et al 376 R)
Imperial Cancer Research Fund Cancer update for year 2000 and uncertainties (157 E) (McVie 925 C) (Taylor 925 C)
Impotence (Guay 753 C) (Morgentaler 754 C); After high-dose chemotherapy and total body irradiation in multiple myeloma (Chatterjee et al 1335 R); After radical prostatectomy and techniques to reduce (Larkin 207 N); Rate after radical prostatectomy higher than expected (Newman 293 N)
In-utero death Of one twin and consequences (Pharoah and Adi 1597)
In-vitro fertilisation Cost-effectiveness of intrauterine insemination *vs* (randomised trial) (Bhattacharya and Hall 2 Com) (Goverde et al 13); Evidence-based guidelines on infertility management and (Craft et al 1103 C) (Templeton 1999 C); Frozen eggs to be allowed (UK) (Ashraf 387 N); Public vote in Switzerland (996 N); Regulation changes in Israel (Fishman 1979 N); Swedish study (Abdalla et al 844 C) (Booth et al 845 C) (Sebire 845 C) (Bergh et al 846 C) (D'Souza et al 846 C); Use of embryos cryopreserved for over 5 years (Oghoetuoma et al 1336 R)
Inborn errors of metabolism Cobalamin and oral therapy (Chalmers et al 148 C)
Incontinence see Faecal incontinence; Urinary incontinence
India Cost-effectiveness of cataract surgery (Johnson 158 Com) (Singh et al 180); Diphtheria in slums (Lodha et al 204 R); DOTS programme to be expanded after astounding success (Kumar 731 N); Ethical issues in health research (Kumar 2059 N); Guinea worm eradication and new polio campaign (Kumar 212 N); Health as "fundamental right" (National Human Rights Commission) (Sharma 1626 N); Information exchange and barriers (Horton 2231); Iodised salt compulsory order reversed (Sharma 1800 N); Mental-health problems for police in New Delhi (Kumar 1082 N); Population over 1 billion (Kumar 1799 N); Protests after arrests of AIDS/HIV activists (Kumar 1896 N); Stable population aim for year 2045 (Sharma 734 N); Telemedicine project for remote villages (Sharma 1529 N); Tobacco products exempted from central excise tax (Sharma 381 N); Traditional healing practices promoted (Kumar 1252 N)
Indian Dental Association Oral health target for all (Sharma 559 N)
Indian Neem tree oil EU patent revoked (Röggla 1895 N)
Indians Raised homocysteine levels and coronary heart disease risk (Baker et al 2248 C) (Brattström 2248 C) (Ledochowski et al 2249 C) (Raheja and Talim 2249 C) (Chambers and Kooner 2250 C)
Indinavir Reduced concentrations after St John's wort (Piscitelli et al 547 R); Tolerability and side-effects of post-HIV exposure prophylaxis (Parkin et al 722 R) (Puro et al 1556 C)
Industry Academia interface and conflicts of interest (Weatherall 1574 Com)
Infant formulae Diverse prices in Europe (Bonati 321 C); Supplementation with long chain polyunsaturates (Cunnane 1101 C) (Lucas and Morley 1102 C)
Infantile hypertrophic pyloric stenosis After pertussis prophylaxis with erythromycin (758 correction)
Infants Breech, better diagnosis called for by UK report (Ramsay 2228 N); Effect of breastfeeding on mortality due to infectious disease in developing countries (WHO Collaborative Study Team on the Role of Breastfeeding on the Prevention of Infant Mortality 451) (1104 correction) (Brahmblatt and Gray 1370 C); Fingerprinting at birth in Spain (Bosch 296 N); Head injury from shaking-impact and lucidity (Byard et al 758 C); Immunity enhanced by indoor endotoxin exposure in early life and allergen sensitisation prevention (Gereda et al 1680); Measles with new virus genotype in Netherlands (de Swart et al 201 R) (Rota et al 1557 C); Sex of see Sex ratio; Stress response and effect of mode of delivery on (Taylor et al 120 R) (Paludetto et al 1100 C); Unwanted in Germany and new foundling houses (910 N); Zinc supplementation in Ethiopia (randomised trial) (Gibson 2008 Com) (Umeta et al 2021)
Infections Blood abnormalities in (Spivak 1711);

Cross-infection risk during peripheral venous access by contamination of tourniquets (Golder et al 44 R); Hygiene hypothesis of childhood asthma and evidence (Kleinert 1795 N); Nosocomial see Nosocomial infections; Prevention strategy targeted at vascular access care in intensive care (Eggimann et al 1864); Transmission and effects of double gloving (Jensen 514 Com) (Hentz et al 1914 C)
Infectious disease Effect of breastfeeding on infant/child mortality due to in developing countries (WHO Collaborative Study Team on the Role of Breastfeeding on the Prevention of Infant Mortality 451) (1104 correction) (Brahmblatt and Gray 1370 C); Fund to be set up by G8 nations (Watts 2060 N); Therapeutic monoclonal antibodies (Breedveld 739)
Infertility Cost-effectiveness of intrauterine insemination vs in-vitro fertilisation (randomised trial) (Bhattacharya and Hall 2 Com) (Goverde et al 13); Guidelines on management (UK) (Craft et al 1103 C) (Templeton 1999 C)
Inflammatory bowel disease In non-Ashkenazi Jews with familial Mediterranean fever (Cattan et al 378 R) (1020 correction); *See also* Crohn's disease
Inflammatory response Asymptomatic Ebola virus infection (Baxter 2178 Com) (Leroy et al 2210)
Influenza Acute, Oseltamivir efficacy and safety (randomised trial) (Nicholson et al 1845); Epidemics and pandemics and use of terms (509 E) (Kasai et al 1558 C); Impact on young children (McCarthy 473 N); Vaccination for staff of long-stay hospitals for elderly (randomised trial) (Nicholson 83 Com) (Carman et al 93) (Barlow and Nathwani 1187 C) (Halder et al 1187 C)
Influenza virus Neuraminidase (Gubareva et al 827); Neuraminidase inhibitors (review) (Gubareva et al 827)
Information Bridging gap between North/South and developed/less-developed countries (Horton 2231) (Horton 2248 C) (Yudkin and Swai 2248 C); Dominance over disease and need for new health strategies (LaPorte et al 1370 C); Health, communication by Bolivian soldiers (Chelala 2057 N); On health and communication by Bolivian soldiers (Chelala 2057 N); Written, for patients/families by palliative care units (survey) (Payne et al 1792 R)
Information technology Role in war against disease (LaPorte et al 1370 C)
Informed consent Cervical cancer screening (Livingstone 410 C); Clinical trials ignoring requirements for (2177 E); Ophthalmologists on trial for fraud over drug trial without (Germany) (Weber 1439 N)
Informed decision-making Practice required by clinicians (Larkin 47 N)
Infrainguinal vascular surgery Antithrombotic therapy after (randomised trial) (Lindblad 334 Com) (Dutch Bypass Oral Anticoagulants (BOA) Study Group 346) (1104 correction)
Injections Spinal, intramuscular or venous, pain perception (Simini 1076 R) (de A Nishioka 1726 C) (Simini 1726 C)
Injuries Court of Appeal (UK) orders rise in awards for "catastrophic injuries" (Brahams 1166 N); Deaths caused by in women (Appleby 1203 Com) (Yusuf et al 1220); Head see Head injury; Minor, care by nurse practitioners or junior doctors (Cooper and Kinn 229 C) (Kernick 229 C) (Vaidya 229 C) (Wardrope et al 229 C) (Simmons 230 C) (Valle et al 230 C); Penetrating craniocerebral and antibiotic use (review) (Bayston et al 1813); Prevention, non-existent role in medical practice (Pless 1807); Seizures and epilepsy after brain injury (Chadwick 334 Com); Spinal cord and remyelination by embryonic stem cells (Senior 1890 N); Trauma-care system organisation and trends in England/Wales (1989-1997) (Jurkovich 1740 Com) (Lecky et al 1771); Use of carving skis (Glass 293 N)
Insecticides Resistance by lice (Chosidow 825 S)
Institute for Human Gene Therapy Gene therapy trials suspended (329 E) (Barbour 384 N)
Institute of Medicine Diagnostic error levels (2007 E); Medical errors and prevention methods (MacReady 994 N)
Institutional review board (IRB) Breast cancer high-dose chemotherapy trial misconduct and implications (Bezwoda case) (Horton 942 Com) (Weiss et al 999) (Cleaton-Jones 1011 C) (Crown 1828 C)
Insulin Costs/supply for poor countries (Yudkin 919) (Lester 2165 C) (Watts 2165 C) (Arya 2166 C) (Chantelau 2166 C) (Teuscher et al 2166 C) (Yudkin 2167 C); Neutral protamine Hagedorn, in pens (Laubach et al 236 C); Resistance, thiazolidinedione treatment progress (review) (Schoonjans and Auwerx 1008); Resistance and hepatic iron overload syndrome (Ferrannini 2181 Com); Resistance in polycystic ovary syndrome (Kelly et al 68 C)
Insulin pens Inadequate suspension of neutral protamine Hagedorn insulin (Laubach et al 236 C)
Insulin-like growth factor 1 (IGF-1) As alternative to growth hormone therapy in critically ill (Liao et al 148 C); Low serum levels and osteoporotic fractures in postmenopausal women linked (Garnero et al 898 R)
Insulin-like growth factor binding protein 3 (IGFBP-3) Regulatory mechanisms in prostate cancer and (Jefferson et al 1100 C) (Smith and Epstein 1101 C)
Insulin-resistance-associated hepatic iron overload syndrome (IRHIO) Proposal (Ferrannini 2181 Com)
Insurance Genetic testing data fears (Bonn 1526 N); *See also* Health insurance
Integrated Management of Childhood Illness (IMCI) Pilot scheme success in Kazakhastan (Almagambetova 1168 N)
Intellectual property rights In medicine (857 E); Trade-related aspects ('t Hoen 1528 N)
Intensive care Infection prevention strategy targeted at vascular access care (Eggimann et al 1864); Mobile workstation (Holst et al 1431 R); Multiple procedures on neonates and pain awareness (Chiswick 6 Com) (Sabrine and Sinha 932 C); Neonatal, end-of-life decisions and physicians' self-reported practices in Europe (Cuttini et al 2112); ethics (79 E); Neonatal units, antibiotic policies (Quinn and Rodvold 946 Com) (de Man et al 973) (Harbarth 1650 C) (Simmons and Williams 2000 C); Night discharges and consequences (Goldfrad and Rowan 1138); Paediatric, personal experience as paediatrician and father (Jenni 139 Es); Semirecumbency of patients (Röggla and Röggla 1012 C) (Simini 1012 C) (van Saene et al 1012 C) (Bauer and Torres 1013 C) (Tulleken et al 1013 C)
Interferon alfa-2b Colchicine and benzathine penicillin with/without in Behçet's disease (randomised trial) (Demiroglu et al 605)
Interleukin-1β (IL-1β) In asymptomatic Ebola virus infection (Baxter 2178 Com) (Leroy et al 2210); Expression linked to gastric cancer in *H. pylori* infection (Moore 1079 N)
Interleukin-5 (IL-5) Role in gastrointestinal allergy (Rowe 2055 N)
Interleukin-6 (IL-6) In asymptomatic Ebola virus infection (Baxter 2178 Com) (Leroy et al 2210); In multiple myeloma (Tricot 248 Com)
Intermittent positive-pressure ventilation (IPPV) Early neonatal extubation (Halliday 2091 Com)
International Agency for Research on Cancer (IARC) Tobacco industry's strategy and misinformation (1197 E)
International Biomedical and Health Sciences Consortium Scientist's involvement (857 E)
International Breast Cancer Prevention Study (IBIS) Update (McNamee 729 N)
International Monetary Fund (IMF) Protests over development goal trends (Ashraf 1438 N)
International Narcotic Control Board (UN) Morphine underuse criticised (Glass 734 N)
International Pelvic Pain Society Meeting on chronic pelvic pain (Gilling-Smith 1795 N)
International Spinal Research Trust Spinal cord repair prospects (Senior 1340 N)
International Stroke Trial (IST) Benefit of aspirin in acute ischaemic stroke (Bradbury 2054 N)
Internet Addiction as disorder (Mitchell 632 N); ASCO virtual meeting (Larkin 2082); Bridging information gap between developed and less-developed countries (Horton 2231); Consumer-friendly database on clinical trials launched by NIH (818 N); Database of patients' experiences (DIPEx) (Herxheimer et al 1540); Developments (website) (Larkin 1375); Drug promotion restrictions in Australia (Tattam 732 N); Mirror sites and downloading time (Sekikawa et al 2000 C); Online scientific journals and debate over quality/revenue and launch of BioMed Central and PubMed Central (Larkin 2056 N); Privacy terms and concerns (Larkin 1471); Usage by physicians (Larkin 2005); *See also* Websites
Internet Association for Biomedical Sciences Website (INABIS) (Larkin 665)
Intestinal permeability Increased by zonulin and expression in coeliac disease (Fasano et al 1518)
Intestinal transplantation Paediatric living-related between two monozygotic twins (Morel et al 723 R)
Intestine Wall thickness measured by ultrasound as Crohn's disease activity marker (Haber et al 1239 R); *See also* Bowel; Colon; Small intestine
Intracranial injury Predictive of child abuse (Michell 207 N)
Intracranial pressure Intraocular pressure changes correlation (Sheeran et al 899 R)
Intramuscular injections Pain perception (Simini 1076 R) (de A Nishioka 1726 C) (Simini 1726 C)
Intraocular pressure Changes and correlation with intracranial pressure changes (Sheeran et al 899 R)
Intrauterine devices Effective, profitability determining availability (Milsom et al 1914 C)
Intrauterine insemination Cost-effectiveness of in-vitro fertilisation *vs* (randomised trial) (Bhattacharya and Hall 2 Com) (Goverde et al 13)
Intrauterine transfusion Maternal/fetal HCV exposure by (Geulen et al 1887 R)
Intravenous injections Pain perception (Simini 1076 R) (de A Nishioka 1726 C) (Simini 1726 C)
Intraventricular haemorrhage Reduction in premature infants by antenatal corticosteroids (Smith et al 251) (Fraser and Stewart 1274 C)
Intubation Early extubation of neonates (Halliday 2091 Com)
Iodised salt Compulsory order reversal in India (Sharma 1800 N)
***IPCA* genes** As new prostate cancer diagnostic target (46 N)
Iran Kidneys offered to fund Rushdie fatwa (Ahmad 127 N); Segregated medical schools and lower standards (Ahmad 298 N)
Iraq Child labour, rubbish heaps and cesspits (Kandela 1893 N); Drugs needed for dying children (Heatley 1465 C); Health care (Kandela 1893 N); Medical education under intellectual embargo (viewpoint) (Richards and Wall 1093); Public health effects of sanctions highlighted by US doctors' group (McCarthy 296 N); Sanctions appeal to UN Human Rights Commission (1342 N); Sanctions and child mortality (1837 E) (Ali and Shah 1851); State of health, food supplies and child mortality (1837 E)
Irbesartan (Burnier and Brunner 639)
Ireland, Republic Child care facilities ordered by Court (Birchard 1980 N); Disgraced gynaecologist acting as locum pharmacist (Birdcard 2144 N); Doctors criticised for poor record-keeping and interpersonal skills (127 N); Donations to hospitals by pharmaceutical company for pituitary glands from dead children (635 N); Drug-abuse project opposition (Birchard 910 N); Drug-related deaths (Birchard 209 N); Euthanasia legalisation opposed by doctors (Birchard 1800 N); Frequency and outcome of biliary atresia (Rothwell 4 Com) (McKiernan et al 25) (Lloyd et al 1099 C); Global network of anti-abortion groups (Youth Defence International) (Birchard 1165 N); Government subsidy for tainted-blood tribunal (Birchard 52 N); Home-births midwife not guilty of misconduct (Birchard 1084 N); Hospital pathology practices (Birchard 1083 N); Hospitals named by junior doctors for bad working conditions (1440 N); Increased needle provisions called for (Birchard 818 N); Infected blood products inquiry (Birchard 1705 N); Junior doctors' strike deferred (Birchard 1800 N); Junior doctors' strike vote (Birchard 1529 N); Media guidelines on portrayal of suicide (Birchard 386 N); Patients' protest over doctor's suspension (Birchard 295 N); Post-mortem guidelines (Birchard 635 N); Self-regulation procedures approved by Medical Council (Birchard 1344 N); Sex discrimination case won by female obstetrician and gynaecologist (Birchard 1895 N)
Irinotecan Fluorouracil with *vs* fluorouracil alone for metastatic colorectal cancer (randomised trial) (Douillard et al 1041) (1372 correction)
Irish Haemophilia Society Irish government subsidy for tainted-blood tribunal (Birchard 52 N)
Irish Medical Council Junior doctors' strike vote (Birchard 1529 N); Self-regulation procedures approved (Birchard 1344 N)
Iron Function/uptake/homeostasis (Provan and Weatherall 1260); Overload and insulin resistance (Ferrannini 2181 Com)
Iron deficiency anaemia Review (Provan and Weatherall 1260)
Irritable bowel syndrome Management by alosetron ($5\text{-}HT_3$ antagonist) (randomised trial) (Lembo 1030 Com) (Camilleri et al 1035); New therapies (Lembo 1030 Com) (Camilleri et al 1035)
Ischaemic colitis Acute, secondary to microscopic polyangiitis (case report) (Landzberg and Jacobson 1786)
Ischaemic limbs Critical, salvage (Scheltinga et al 657 C) (Taylor et al 657 C)
Ischaemic stroke *see* Stroke
Islet cells Immortal cell line developed (2140 N); Transplantation, positive results in type 1 diabetes by Canadian group (McCarthy 2140 N)
Israel Ban on physicians advertising cancelled (Fishman 1895 N); In-vitro fertilisation regulation changes (Fishman 1979 N); Singer's AIDS secret and death (Fishman 998 N)
Italy Cranial surgery in ancient Rome (Mariani-Costantini et al 305); Drug re-evaluation programme (Simini 732 N); Drug trial restrictions and Erice panel (Simini 387 N); Health service to promote safety and health at home (298 N); Mentally disabled girl's abortion ruled out by court (Simini 49 N); Organ donation rates doubled in Tuscany (Simini 476 N); Passive smoking curbs (Simini 1896 N); Prescribing information reforms (Simini 125 N); Surrogate pregnancy case challenged by medical association (Simini 996 N); Therapeutic drug contamination of environment (Zuccato et al 1789 R)
Ivermectin Onchocerciasis (Richards et al 1663 Com); Parenteral, in *Strongyloides* hyperinfection (Chiodini et al 43 R); For scabies (Chosidow 821 S)

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Jabs & Jibes A little change... (Arguedas 2006); Airports (Goodwin 1286); Can't see the wood for the trees (Cuthbert 1836); Dead-eye Dick (Eastwood 856); Everybody has parents (Davies 328); Foreign bodies (Guidi 420); Four weldings and a funeral (Cooper 940) (Schepers 1830 C); Genes and genies (Erill 764); Getting the hang of things (Cullinan 1026); Handwashing (O'Donnell 156); Kill or cure (Kandela 1196); Patent pending (Greenbaum 1922); Planet earth plc (Davies 1472); In praise of insecurity (Goodwin 2086); Signs of our times (Jack 1378); Tea (Burch 508); The biter bitten (Shenfield 666); The circle of medical history (Hillebrandt 1656); The gut thump (Berry 2262); The man who knew his onions (Guidi 1736); The slim stealthy Aesculapian snake slides by (Simini 2176); Trifles (Eastwood 244); Use of the word "scientific" (Brewin 586) (Rambihar 1730 C); What do you call yours? (Cooper 1566); White-jacket and white coats (Simini 78); On Work (Burch 1110)

Japan Adenovirus-mediated gene therapy future (Teramoto et al 1911 C); Anti-smoking campaigners disappointed after policy shift and health goals concerns (Watts 2227 N); Battle against tobacco expenditure/trends (Shibuya and Hashimoto 1188 C) (Takei 1188 C); Classroom heating neglected (Fujita et al 1372 C); Clozapine not available (Takei 1188 C); Cults con public with alternative health remedies (Watts 1797 N); Cultural aspects of violence against women (Konishi 1810); Doctors' attitudes to complementary medicine (Teramoto 501 C); Loss of respect for medical *sensei* (Watts 995 N); Maternal mortality data concerns (Watts 1977 N); Medical treatment costs and doctors' greed (Watts 995 N); Nursing care insurance for elderly (Watts 1249 N); Pharmaceutical executives jailed after infected blood case (Watts 816 N); Remote-area medical care to be improved (1896 N); Rights and needs of disabled persons (Watts 209 N); Satisfying birthing experiences (Misago et al 2256 C); "Sick house syndrome" treatment measures (Watts 1798 N); Smoking increase, political issues and attitudes of health-care professionals (Ueno and Kawabata 238 C); Tests on nuclear accident victim (McCurry 127 N); Truth telling (322 C)

Jejunostomy Stroke patients (Finestone 1662 Com)

Jelly-beans Gestational diabetes screening (Dornhorst and Frost 674 Com)

Jerne N K (Raju 75)

Jet lag Memory changes due to cortisol increase (Bosch 1078 N)

Jewish patients Inflammatory bowel disease in non-Ashkenazi Jews with familial Mediterranean fever (Cattan et al 378 R) (1020 correction)

Jewish people Common genes and heritage with Arabs (Larkin 1699 N)

Joints Biomechanics and osteoarthritis pathogenesis (Senior 208 N); Phantom swelling and responses in rheumatoid arthritis (McCabe et al 318 C) (Blake et al 1365 C) (Colover 1365 C)

Jordan Anti-smoking campaign (Kandela 1800 N)

Jordan Report 2000 Global vaccine research progress (Ashraf 908 N)

Junior doctors Minor-injury care (Cooper and Kinn 229 C) (Kernick 229 C) (Vaidya 229 C) (Wardrope et al 229 C) (Simmons 230 C) (Valle et al 230 C); Naming of hospitals in Ireland with bad working conditions (1440 N); No pay whilst in training Romania (Antoniu 2144 N); Strike in Ireland deferred (Birchard 1800 N); Strike vote in Ireland (Birchard 1529 N)

Juvenile dermatomyositis Heterogeneity (Callen 56 S) (Abinun et al 1186 C)

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Karsch K R (1110 L)

Kasai portoenterostomy In neonatal biliary atresia and variations in outcome in audit (Rothwell 4 Com) (McKiernan et al 25) (Lloyd et al 1099 C)

Kazakhastan Integrated Management of Childhood Illness pilot scheme success (Almagambetova 1168 N); "Middle-level" health-care specialists (Almagambetova 1978 N)

Kelly J (2262 L)

Kennedy B J (508 L)

Kent and Canterbury Cervical cancer screening (Harman 410 C) (Herbert 410 C)

Kenya Acute pneumonia aetiology/outcome and mortality risk factors (Scott et al 1225) (1560 correction) (Harries et al 2256 C); Corporate drug donation (Malarone), sustainability/affordability and equity (Shretta et al 1718)

Keratitis Microbial, in Netherlands and Scotland (Seal 143 C) (Cheng and Kijlstra 144 C)

Keratoderma Palmoplantar, in arrhythmogenic right ventricular cardiomyopathy and plakoglobin deletion (McKoy et al 2119)

Kerr D J (420 L)

Khat Stimulant effects and use in Yemen (Kandela 1437 N)

Kidney Conservation in gas-forming renal infections (Turney 770 Com); *See also entries beginning* Renal

Kitua A Y (1026 L)

Knockout mice NMDA receptors (Butcher 1701 N)

Köhler G J F (Raju 75)

Koran G New allegations against in Canada (Kondro 126 N)

Kosovo Brovina F (paediatrician) imprisoned (Cohen 839); Tularaemia outbreak (1530 N); Violence in (poetry) (Coulehan 1808); War and mortality (1998-1999) (Spiegel and Salama 2204)

Kostmann's syndrome (Stock and Hoffman 1354)

Krebs E G (Raju 2004)

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Labour Intrapartum fetal surveillance by cardiotocography *vs* cardiotocography plus PR-interval analysis (randomised trial) (Whittle 422 Com) (Strachan et al 456) (Rosén 1823 C)

β-Lactamase Penicillin deactivation mechanism (1247 N)

Lactose intolerance Presenting with muscle pain and chronic fatigue syndrome features (case report) (Matthews and Campbell 1330)

The Lancet 2000 supplement and future of oncology (Kunkler 500 C); Drug classes series see Drug classes review; Essays on violence (1737 E) (Ramsay 1744 Com); Fast-track publication and early uptake of research findings (Ghali and Cornuz 579 C); Haematology for non-haematologists series see Haematology; International Fellowships 2001 (Horton 2014 Com); Peer review and space for minor observations (James 580 C) (Charlton 1372 C); Peer reviewers (McNamee 674 Com); Preview of *The Lancet Oncology* (Horton 1844 Com); Response and help for access to medical information in developing countries (Horton 2231) (Horton 2248 C) (Yudkin and Swal 2248 C); Surgical papers and potential bias (Smith 849 C) (Baum 1466 C); Systematic review on hypoglycaemia published but research letters exclude (Burden 2170 C); Tobacco industry's pro-tobacco misinformation (1197 E)

The Lancet Oncology Preview in *The Lancet* (Horton 1844 Com)

Landmines Tools to measure incidents and injuries (Cobey and Ayotte 1549)

Laparoscopy Early use for acute non-specific abdominal pain diagnosis (Poulin et al 861 Com) (Heaton 1644 C) (Gupta et al 2251 C); Nissen fundoplication *vs* conventional procedure for gastro-oesophageal reflux disease (randomised trial) (Bais et al 170)

Laser thrombolysis Clot removal and role in ischaemic stroke (Bonn 1976 N)

Lassa fever UK case (992 N)

Latex allergy Stem cell donors (Goulden et al 315 C) (Bandini et al 850 C) (Gravett et al 1555 C) (Hayman et al 1555 C)

Latex gloves Hydration and role of double gloving (Jensen 514 Com) (Hentz et al 1914 C)

Latin America HIV-1 infection prevalence, prevention and treatment (2087 E)

Laughing Pathological (Colover 238 C)

Law Court of Appeal orders rise in awards for "catastrophic injuries" (Brahams 1166 N); Scientific expert witnesses and debate/reforms needed (Senior 1077 N)

Lawrence C (244 L)

Lebanon Health care (Kandela 907 N)

Leber's hereditary optic neuropathy (Leonard and Schapira 301 S)

Lectin Mannose-binding, differential binding to respiratory pathogens in cystic fibrosis (Davies et al 1885 R)

Ledward R Struck-off gynaecologist, further rebukes and employment as locum pharmacist (Birchard 2144 N); Struck-off gynaecologist and inquiry over failures (Ashraf 2058 N)

Left ventricular dysfunction ACE inhibitor therapy (meta-analysis) (Velazquez and Califf 1568 Com) (Flather et al 1575); Symptomless, brain natriuretic peptide as marker (Dries and Stevenson 1112 Com) (Troughton et al 1126)

Left ventricular hypertrophy In primary autonomic failure due to night-time hypertension (Vagaonescu et al 725 R) (Kario and Pickering 1645 C)

Leg ulcers Venous, factor XIII as effective antifibrinolytic therapy (Herouy et al 1970 R)

Legionella pneumophila Control in drinking-water systems (Hoebe and Kool 2093 Com)

Legionnaires' disease Outbreak in Australia (Melbourne) and government's testing gaps (Loff and Cordner 1705 N)

Leigh's syndrome COX deficiency (Leonard and Schapira 390 S)

Leprosy Clinical prediction rule for nerve-function impairment (Croft et al 1603); Elimination campaigns and strengths/weaknesses (Feenstra 2089 Com); Multidrug therapy and leprosy elimination campaigns (Feenstra 2089 Com)

Leucocytosis (Stock and Hoffman 1352)

Leucopenia (Stock and Hoffman 1354); Allergic reaction to corticosteroids in SLE (case report) (Maeshima et al 198)

Leukaemia Acute, molecular basis (review) (Stewart and Schuh 1448); Acute (adult) and residential radon exposure (Law et al 1888 R); Acute lymphoblastic, adult psychosocial outcomes in survivors (Mackie et al 1310); Acute lymphoblastic and prenatal diagnosis (Greaves et al 1017 C) (Janin 1017 C); Acute myeloid, effect of centre on outcome of bone-marrow transplantation (Frassoni et al 1393); Chemotherapy-induced genetic instability in non-malignant cells (Mullan 1435 N); Chronic lymphocytic, molecular basis (review) (Stewart and Schuh 1450); Chronic myeloid, *BCR-ABL* fusion gene (Goldman 1031 Com); Chronic myeloid, molecular basis (review) (Stewart and Schuh 1447); treatment by tyrosine kinase inhibition (Goldman 1031 Com), Chronic myeloid, and haemangioblast origin of (Green 1659 Com) (Gunsilius et al 1688); Drugs needed for dying children in Iraq (Heatley 1465 C); Electromagnetic field exposure (238 correction); Risks in Down's syndrome (Hasle et al 165); Side-effects and long-term safety (Barbour 1247 N)

Leukaemia Committee Cancer care lessons from (Galloway 150 C)

Levamisole Fluorouracil plus folinic acid with *vs* high dose folinic acid with fluorouracil in colorectal cancer (randomised trial) (QUASAR Collaborative Group 1588)

Levi-Montalcini R (Raju 506)

Levy H Webmaster (Larkin 419)

Lewin B (2176 L)

Lewy body, dementia Charles Bonnet syndrome differential diagnosis (Terao and Collinson 2168 C)

Lice (Chosidow 822 S)

Lie detection By aphasics (1701 N)

Life expectancy Asians in UK and raised homocysteine levels linked to coronary heart disease (Ghosh and Khan 1727 C); Estimates too conservative and ageing burden greater (Hargreaves 2146 N)

Life support withdrawal Debate in Hong Kong (Watts 633 N)

Lifeline Anderson J 764; Bernhard J D 586; Bignall J C 1656; Chiu E 1378; Correspondence (O'Reilly 150 C); Davies G 1922; El Sarraj E 1286; Emery A E H 1566; Fauser B 2086; Friedland J 666; Gladstone D 1196; Graham N 1736; Harrison S 940; Hodgkin J 1836; Holliday R 856; Karsch K R 1110; Kelly J 2262; Kennedy B J 508; Kerr D J 420; Kitua A Y 1026; Lawrence C 244; Lewin B 2176; Manns M P 78; Rose S 1472; Shortridge K 328; Spyer M 156; Wolpert L 2006

Lifestyle Elevated blood pressure and coronary heart disease risk (Senior 206 N)

Light Night-time lighting link to myopia not supported (904 N)

Limbs Amputation of healthy limbs by UK surgeon (Ramsay 476 N); Critically ischaemia, salvage (Scheltinga et al 657 C) (Taylor et al 657 C)

Limp In children, minimally invasive management approach (Beach 1202 Com)

Linezolid antibiotics New drug approved by FDA (Senior 1523 N)

Lipid-lowering therapy Doxazosin treatment arm of ALLHAT discontinued and implications (Messerli 863 Com) (1163 N) (1280 correction) (Ball 1558 C); *See also* Statins

Lipids Inhalation by paint spraying and lipoid pneumonitis due to (case report) (Carby and Smith 896) (Schepers 1830 C)

Lipoid pneumonitis Due to accidental inhalation of mineral oil after paint spraying (case report) (Carby and Smith 896) (Schepers 1830 C)

Lipoprotein (a) Reduced levels associated with HRT (Larkin 1338 N)

Litigation Heat illness and death of British officer-cadet (viewpoint) (Porter 569) (Brahams 1993 C) (Porter 1993 C) (Porter 1994 C)

Liver Islet cell transplants and positive results (McCarthy 2140 N); Metastases see Hepatic metastases; Microbubble-specific approach using pulse-inversion technique (Harvey et al 807 R)

Liver disease Blood abnormalities in (Spivak 1710); Long-term hepatitis C infection not always causing (Ahmad 291 N); Non-alcoholic fatty (Bhattacharya 1975 N)

Liver failure End-stage, prevention by gene therapy (Mullan 630 N)

Liver transplantation For alcoholic liver disease and

organ shortages (McMaster 424 Com); Aprotinin for reduction of perioperative bleeding (randomised trial) (Segal and Hunt 1289 Com) (Porte et al 1303) (1830 correction)
Loneliness Influence on cognitive function and dementia (Berkman 1291 Com) (Fratiglioni et al 1315)
Long-chain polyunsaturated fatty acids Infant formulae supplementation (Cunnane 1101 C) (Lucas and Morley 1102 C)
Long-term depression (LTD) Knockout mice not expressing NMDA receptors (Butcher 1701 N)
Losartan (Burnier and Brunner 639); Captopril vs in heart failure (ELITE II randomised trial) (Velazquez and Califf 1568 Com) (Pitt et al 1582)
Losartan Heart Failure Survival Study see ELITE II
Low back pain Psychological factors involved and returning to work (Biering-Sørensen and Bendix 1929 Com)
Low-birthweight infants G-protein polymorphisms linked (Feldman and Hegele 1201 Com) (Hocher et al 1241 R)
Low-density lipoprotein (LDL) cholesterol Lowering, benefits, generic drugs and resource allocation (Sniderman 235 C)
Low-molecular-weight heparin (LMWH) In acute coronary syndrome without ST-segment elevation (meta-analysis) (Becker 1926 Com) (Eikelboom et al 1936); Aspirin vs in acute ischaemic stroke and atrial fibrillation (randomised trial) (Berge et al 1205); Management of unstable coronary artery disease (FRISC II) (Eikelboom and Yusuf 572 C) (Markiewicz 572 C) (Massel 573 C) (Wallentin et al 573 C) (Cohen 574 C)
Lung cancer (Hoffman et al 479 S) (1280 correction); Clinical/pathological features, diagnosis/staging and treatment (Hoffman et al 479 S) (1280 correction); COX-2 inhibitor therapy and angiogenesis reduction (1891 N); Risk linked to radon exposure (1891 N); Screening prospects (Mulshine and Henschke 592 Com); Small cell, treatment (Hoffman et al 483 S) (1280 correction); Susceptibility differences in women/men due to gastrin releasing peptide receptor expression (Larkin 121 N)
Lung damage Environmental (Carby and Smith 896 C) (Schepers 1830 C)
Lung injury Acute, in sickle cell anaemia and pathogenesis/treatment (Gladwin and Rodgers 1476 Com)
Lykoudis J Discoverer of cause/treatment of peptic ulcer disease (Phillips 150 C)
Lyme disease Chronic, causes, features and treatment and EU/US variations (Rowe 1436 N); Post-Lyme disease syndrome or chronic disease (Rowe 1436 N)
Lymph node metastases Immunohistochemical detection (Bembenek et al 144 C) (Torrenga et al 144 C)
Lymphatic filariasis Eradication campaign to start (Dean 385 N)
Lymphocytes HIV-1 transport to via DC-SIGN receptor on dendritic cells (Bosch 904 N); Prediction of pregnancy loss from decreased anandamide hydrolase (Lockwood 1292 Com) (Maccarrone et al 1326)
Lymphocytic colitis Renamed as microscopic-colitis syndrome and pathophysiology/treatment (Schiller 1198 Com)
Lymphocytosis (Stock and Hoffman 1353)
Lymphoma Diffuse B-cell, molecular assay for outcome prediction (Bosch 473 N); HIV-1-associated, high-dose chemotherapy with haematopoietic stem-cell transplantation (Gabarre et al 1071 R);
Non-Hodgkin'sadoptive transfer of vitiligo after allogeneic bone marrow transplantation (Neumeister et al 1334 R); molecular basis (review) (Stewart and Schuh 1450)
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Macedonia Medical evacuations from (Szilard et al 1020 C)
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Macular degeneration Artificial vision research (Larkin 1080 N)
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Pancreatic cells Implantation into diabetes animal model and disease reversal (813 N)
Pancreatic dysplasia Strategy after diagnosis (Bae and Kurtz 85 Com)
Pancreatic insufficiency Vitamin D malabsorption due to and anticonvulsant osteomalacia (case report) (Drenth et al 1882)
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Psychosis Association of violence and stalker¿¿victim relationship (Farnham et al 199 R) (Terao 933 C)
Psychosocial outcome Acute lymphoblastic leukaemia and Wilms' tumour (Mackie et al 1310)
Psychotropic drugs Discontinuation symptoms (Young and Haddad 1184 C) (Wade 1822 C); QTc lengthening and (Tie et al 1825 C); QTc-interval abnormalities linked (Reilly et al 1048); Risk factors and cytochrome P450 distribution in heart (Park 945 Com) (Thum and Borlak 979) (Idle 1824 C) (Tie et al 1825 C)
Psyllium Serum cholesterol reduction after intake (Larkin 555 N)
Pubic lice (Chosidow 823 S)
Public (consumers) Lack of understanding of anaesthetist's role (Simini 1892 N); Need for re-establishment of trust in doctors and medical profession (Horton 2010 Com); Research agenda mismatch with research community and (Tallon et al 2037); Understanding of science (941 E); *See also* Patients
Public health Assessment of cancer screening programmes and evidence for/against breast cancer screening *see* Mammography; Bridging information gap between developed and less-developed countries (Horton 2231) (Horton 2248 C) (Yudkin and Swai 2248 C); Burden posed by thalassaemia in Sri Lanka and Asian countries (de Silva et al 786); Cancer targets (157 E) (McVie 925 C) (Taylor 925 C); Database of patients' experiences (DIPEx) (Herxheimer et al 1540); Doctors' responses to civilian targets of war (587 E) (Lachter and Beiran 1365 C) (Wakai 1365 C) (Segall 1366 C); Effect of sanctions highlighted by US doctors' group (McCarthy 296 N); High-dose chemotherapy for high-risk breast cancer and Bezwoda study (Horton 942 Com) (Weiss et al 999) (Crown 1828 C); Insulin for poor countries (Yudkin 919) (Lester 2165 C) (Watts 2165 C) (Arya 2166 C) (Chantelau 2166 C) (Teuscher et al 2166 C) (Yudkin 2167 C); Mortality rates after surgery for congenital heart defects in children (treasure 948 Com) (Stark et al 1004); Norplant and changes in media coverage over time (Entwistle et al 1633); Official cigarette tar tests misleading and use of two-stage compensating test (viewpoint) (Kozlowski and O'Connor 2159); Tobacco industry's campaign against passive-smoking hazards and subversive strategies against IARC (1197 E) (Ong and Glantz 1253); Value of drug-licensing documents for effect of postmenopausal HRT on cardiovascular disease (Hemminki and McPherson 566); Violence in (Gilligan 1802); WHO role (Aventin 580 C)
PubMed Central Launch and debate over policies/peer-review and revenue sources (Larkin 2056 N)
Pulmonary embolism In non-bacterial thrombotic endocarditis presenting with transient ischaemic attack (case report) (Lee and Tse 622); Prevention by low-dose aspirin (randomised trial) (Sors and Meyer 1288 Com) (Pulmonary Embolism Prevention (PEP) Trial Collaborative Group 1295); Risk of fatalities with oral contraceptives (Poulter 2088 Com) (Parkin et al 2133 R)
Pulmonary Embolism Prevention (PEP) trial Low-dose aspirin role (Sors and Meyer 1288 Com) (Pulmonary Embolism Prevention (PEP) Trial Collaborative Group 1295)
Pulmonary rehabilitation Outpatient multidisciplinary (randomised trial) (Griffiths et al 362) (1280 correction)
Pulse pressure Aortic pulse-wave velocity *vs* (Lehmann 412 C)
Pulse-inversion mode imaging Brain perfusion assessment (Meairs et al 550 R); Liver specific microbubbles and micrometastases detection (Harvey et al 807 R)
Pulse-wave analysis Aortic pulse-wave velocity *vs* (Lehmann 412 C)
Pulvinar sign On MRI for variant CJD detection (Morris 45 N)
Pumactant Respiratory distress syndrome treatment (randomised trial) (Jobe 1380 Com) (Ainsworth et al 1387)
Pure white-cell aplasia (Stock and Hoffman 1356)
Pyelonephritis Emphysematous, renal conservation (Turney 770 Com)
Pyloric stenosis Infantile hypertrophic, after pertussis prophylaxis with erythromycin (758 correction)
Pyogenic spondylodiscitis Due to *Fusobacterium varium* presenting with earache and back pain (case report) (de Gans et al 464)
Pyridinoline Local radiotherapy effect on (Hoskin et al 1428 R)
Pyridoxine Use in pregnancy and neonatal seizures after (72 correction)
Pyrimethamine-sulphadoxine Artesunate with in malaria (randomised trial) (von Seidlein et al 352) (2080 correction)

Q

QT dispersion As predictor of acute heart failure after high-dose cyclophosphamide (Nakamae et al 805 R)
QT interval Rate corrected (QTc), abnormalities linked to psychotropic drugs (Reilly et al 1048)
QTc lengthening Psychotropic drugs and (Tie et al 1825 C)
Quality of care Cancer services in EUROCARE-2 study (Irwig and Armstrong 427 Com) (Kunkler 1370 C)
Quality of life After severe burns in childhood (Bradbury 121 N); Effect of population screening and treatment for *H pylori* (randomised trial) (Moayyedi et al 1665)
QUASAR study Fluorouracil plus high dose folinic acid *vs* fluorouracil plus folinic acid plus levamisole in colorectal cancer (QUASAR Collaborative Group 1588)
QUORUM statement For systematic reviews (Clarke 756 C)

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Rabies Bats infected and danger from (Madsen 934 C)
Racial differences Hypertension, explained by transforming growth factor β_1 hyperexpression (Bradbury 1077 N)
Radiation Stillbirths amongst offspring of male radiation workers (Doyle et al 492 C) (Selby 492 C) (Doll 493 C) (Parker et al 493 C) (Tawn 493 C)
Radiation sickness Organs of Japanese nuclear accident victim for research (McCurry 127 N)
Radio Broadcasts available on Internet (Larkin 326 D)
Radiography Surveillance after colorectal cancer resection (review) (Berman et al 396)
Radiotherapy For ductal carcinoma in situ (B-17 and EORTC trial results) (Silverstein and Lagios 510 Com) (Julien et al 528) (1190 correction) (Brenner et al 2071 C) (Mokbel et al 2071 C) (Joseph et al 2072 C) (Julien et al 2072 C) (Millar and Rodger 2072 C); For early breast cancer (meta-analysis) (Kurtz 1739 Com) (Early Breast Cancer Trialists' Collaborative Group 1757); Graves' orbitopathy (randomised trial) (Mourits et al 1505); Local, effect on urinary markers of osteoclast activity (Hoskin et al 1428 R); Postoperative *vs* surgery alone in stage-1 endometrial cancer (randomised trial) (Look 1381 Com) (Creutzberg et al 1404); Preoperative for col-

orectal cancer (McNamee 2225 N); Radiotherapy plus hyperthermia *vs* in locally advanced pelvic tumours (randomised trial) (van der Zee et al 1119)
Radon Exposure linked to lung cancer risk (1891 N); Residential exposure and adult acute leukaemia (Law et al 1888 R)
RAGE Blockade of pathway to prevent tumour growth and metastases development (Bonn 1795 N)
Rahal trial Control of STDs for HIV-1 prevention and trial implications (Grosskurth et al 1981)
RALES (Randomised Aldactone Evaluation Study) Early release and risks (Ghali and Cornuz 579 C) (Georges et al 1369)
Ramipril Beneficial effects on cardiovascular events and nephropathy in diabetes mellitus (HOPE study) (Chaturvedi 246 Com) (Heart Outcomes Prevention Evaluation (HOPE) Study Investigators 253) (Jensen 1181 C) (Webster 1181 C) (Fegan et al 1182 C) (Lewis et al 1182 C) (Gerstein et al 1183 C) (Stubanus et al 1183 C)
Randomised controlled trials (RCT) 23-valent pneumococcal polysaccharide vaccine in HIV-1 infection in Uganda (French et al 2106); Anti-digoxin Fab fragments treatment of cardiotoxicity due to yellow oleander ingestion (Eddleston et al 967); Anti-TNFα antibody treatment of Crohn's disease (Bell and Kamm 858 Com) (Clark 1557 C) (1916 correction); Antivenom for scorpion sting (Burdett et al 66 C) (Abroug et al 67 C) (Possani 67 C); Aprotonin and transfusion requirements in liver transplantation (Segal and Hunt 1289 Com) (Porte et al 1303) (1830 correction); Benefits of homocysteine-lowering treatment plus folic acid and vitamin B_6 and endpoints (Bostom and Garber 511 Com) (Vermeulen et al 517); Calcium antagonists for secondary prevention of myocardial infarction (Rosendorff 1738 Com) (Boden et al 1751); Cerebral malaria and seizure prevention by phenobarbital (Molyneux 671 Com) (Crawley et al 701) (Enwere 1643 C); Colchicine and benzathine penicillin with/without interferon alfa-2b in Behçet's disease (Demiroglu et al 605); Cost-effectiveness of intrauterine insemination *vs* in-vitro fertilisation (Bhattacharya and Hall 2 Com) (Goverde et al 13); Depression detection and outcome and effects of clinical practice guideline and practice-based education (Thompson et al 185) (Henkel et al 1641 C) (Symons 1642 C) (Thompson 1642 C); Doxazosin treatment arm of ALLHAT discontinued and implications (Messerli 863 Com) (1280 correction) (Ball 1558 C); Early use of non-invasive ventilation in acute COPD (Plant et al 1931); Effect of decreasing vagal activity with ondansetron on bulimia nervosa (Kiss 769 Com) (Faris et al 792); Effect of population screening and treatment for *H pylori* (randomised trial) on dyspepsia and quality of life (Moayyedi et al 1665); Effects of replicating primary-reflex movements on reading difficulties in children (McPhillips et al 537); Efficacy of antithrombotic therapy after infrainguinal vascular surgery (Lindblad 334 Com) (Dutch Bypass Oral Anticoagulants (BOA) Study Group 346) (1104 correction) (Algra et al 1186 C); Efficacy of artesunate with pyrimethamine-sulphadoxine in malaria (von Seidlein et al 352) (2080 correction); ELITE II (losartan *vs* captopril in heart failure) (Velazquez and Califf 1568 Com) (Pitt et al 1582); Fluorouracil plus high dose folinic acid *vs* fluorouracil plus folinic acid plus levamisole in colorectal cancer (QUASAR Collaborative Group 1588); Glycoprotein IIb/IIIa receptor antagonists outcome and implications in coronary stenting (1104 correction); Guidelines, subgroup analysis and baseline data (Horton 1033 Com) (Assmann et al 1064); *Helicobacter pylori* eradication strategies and non-ulcer dyspepsia (Danesh and Pounder 766 Com); Influenza vaccination for staff of long-stay hospitals for elderly (Nicholson 83 Com) (Carman et al 93) (Barlow and Nathwani 1187 C) (Halder et al 1187 C); Interpretation of variations in outcome in audit of clinical interventions (Rothwell 4 Com) (McKiernan et al 25) (Lloyd et al 1099 C); Intrapartum fetal surveillance by cardiotocography *vs* cardiotocography plus PR-interval analysis (Whittle 422 Com) (Strachan et al 456) (Rosén 1823 C); Irinotecan with fluorouracil *vs* fluorouracil alone for metastatic colorectal cancer (Douillard et al 1041) (1372 correction); Irritable bowel syndrome management by alosetron (5-HT_3 antagonist) (Lembo 1030 Com) (Camilleri et al 1035); Laparoscopic *vs* conventional Nissen fundoplication for gastro-oesophageal reflux disease (Bais et al 170); Low-dose aspirin for pulmonary embolism and venous thromboembolism prevention (Sors and Meyer 1288 Com) (Pulmonary Embolism Prevention (PEP) Trial Collaborative Group 1295); Low-molecular-weight heparin *vs* aspirin in acute ischaemic stroke and atrial fibrillation (Berge et al 1205); Measles vaccine strains given by aerosol or subcutaneous route (Dilraj et al 798); Metastatic breast cancer survival not improved by high-dose chemotherapy (Bradbury 905 N); Neuroprotection in acute ischaemic stroke by glycine antagonist (gavestinel) (randomised trial) (Gorelick 1925 Com) (Lees et al 1949); New melarsoprol schedule for trypanosomiasis treatment (Burri et al 1419); Non-pharmacological analgesia for invasive medical procedures (Lang et al 1486); Optimum PTCA *vs* routine stenting (OPUS-1) (Stables 2180 Com) (Weaver et al 2199); Oseltamivir efficacy and safety in acute influenza (Nicholson et al 1845); Outpatient multidisciplinary pulmonary rehabilitation (Griffiths et al 362) (1280 correction); Overview of hormonal therapy in advanced prostate cancer (Reese 1474 Com) (Prostate Cancer Trialists' Collaborative Group 1491); Pelvic floor re-education for incontinence management after radical prostatectomy (Van Kampen et al 98); Peripheral blood stem cell *vs* bone marrow stem cell transplantation in haematological malignancies (Bensinger and Deeg 1199 Com) (Powles et al 1231); Photodynamic therapy with 5-aminolaevulinic acid *vs* placebo for recalcitrant foot and hand warts (Stender et al 963); Promotion of condom use in high-risk settings in Nicaragua (2087 E) (Egger et al 2101); Pumactant *vs* poractant alfa for respiratory distress syndrome treatment (Jobe 1380 Com) (Ainsworth et al 1387); Radiotherapy for ductal carcinoma in situ (EORTC 10853 phase III and B-17) see EORTC randomised trial 10853; Radiotherapy *vs* radiotherapy plus hyperthermia in locally advanced pelvic tumours (van der Zee et al 1119); RALES report and risks of early release (Ghali and Cornuz 579 C) (Georges et al 1369 C); *Schistosoma mansoni* infection prevention by oral artemether (Utzinger et al 1320); Sibrafiban *vs* aspirin for cardiovascular event prevention and adverse effects (Heeschen and Hamm 330 Com) (SYMPHONY Investigators 337) (2000 correction); Stapling technique *vs* conventional methods for haemorrhoidectomy (Fazio 768 Com) (Rowsell et al 779) (Mehigan et al 782) (Molloy and Kingsmore 810 R) (Beattie and Loudon 1648 C) (Roos 1648 C) (Brisinda et al 2253 C) (Engel and Eijsbouts 2253 C); Surgery plus postoperative radiotherapy *vs* surgery alone in stage-1 endometrial carcinoma (Look 1381 Com) (Creutzberg et al 1404); Tafenoquine for malaria chemoprophylaxis (Lell et al 2041); TRUST (short-acting inhaled β-agonists as needed or regular use in asthma) (Sears 1658 Com) (Dennis et al 1675); Zinc supplementation for infants (Gibson 2008 Com) (Umeta et al 2021); *See also* Clinical trials
Rapid diagnostic tests Self-use for malaria diagnosis (Behrens and Whitty 237 C) (Risch et al 237 C)
Ras superfamily In renal disease and role of prenylation inhibitors (hypothesis) (Khwaja et al 741) (Si and Imagawa 1460 C)
Raynaud's syndrome In SLE (Mathieu et al 1102 C)
Reactive arthritis After *Helicobacter pylori* eradication (case report) (Razavi 720)
Reactive oxygen intermediates Increased production in malarial anaemia (Kremsner et al 40 R) (758 correction); Loss of superoxide dismutase activity during acute antigen-induced asthma (Comhair et al 624 R)
Reading Difficulties in children and effects of replicating primary-reflex movements (randomised trial) (McPhillips et al 537)
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Rectal cancer Locally advanced, radiotherapy *vs* radiotherapy plus hyperthermia (randomised trial) (van der Zee et al 1119); *See also* Colorectal cancer
Recycling Websites (Larkin 584)
Red blood cells Acquired anaemias and polycythaemia (review) (Provan and Weatherall 1260); Autoagglutination of malaria-infected cells and malaria severity indication (Roberts et al 1427 R); Enzyme and membrane defects (Weatherall and Provan 1174); Inherited anaemias (review) (Weatherall and Provan 1169); Lifespan reduction and haemolytic anaemia (Provan and Weatherall 1264); *Plasmodium falciparum* infection and accumulation in placenta (Senior 122 N); Structure, function, metabolism and destruction (Weatherall and Provan 1169)
Red wine Consumption effect on serum homocysteine (van der Gaag et al 1522 R)
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Reflex sympathetic dystrophy syndrome Thalamic perfusion (Chojnowska 494 C) (Otte 494 C) (Fukumoto et al 495 C) (Norris and West 495 C)
Reflexes Primary, persistence and effect on reading difficulties in children (randomised trial) (McPhillips et al 537)
Rehabilitation Pulmonary, outpatient multidisciplinary (randomised trial) (Griffiths et al 362) (1280 correction); Stroke, research should be focused (viewpoint) (Pomeroy and Tallis 836); Websites (Larkin 243)
Relative risk reduction (RRR) Stroke prevention by aspirin (Overell et al 319 C) (Hankey and Warlow 320 C) (Newcombe 320 C) (Singer 321 C)
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Remyelination Of injured rat spinal cord neurons by embryonic stem cells (Senior 1890 N)
Renal cancer Metastatic, hybrid-cell vaccination benefits (Ahmad 813 N)
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Renaud S French paradox and new proposal for Cretan diet to prevent arrhythmias (Simini 48 N)
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Renin-angiotensin system Actions of angiotensin II receptor antagonists (Burnier and Brunner 637)
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Screening Anal cancer in homosexual and bisexual men (Rowe 1973 N); Assessment of cancer programmes and evidence for/against breast cancer screening see Mammography; Bone, programme closed in New York after black women denied access (Newman 1704 N); Breast cancer see Breast cancer; Cervical cancer see Cervical cancer; Colorectal and benefits of colonoscopy over barium enema (McCarthy 2225 N); Congenital dislocation of hip (Godward 231 C) (Chan et al 232 C) (Leck 232 C); For hearing impairment in neonates (Grote 513 Com); Lung cancer (Mulshine and Henschke 592 Com); Mammographic see Mammography; Ovarian cancer and implications of ovarian cysts and origin of cancers (Scully 1028 Com) (Crayford et al 1060) (Mourits et al 2078 C); Ovarian cancer trial announced for UK (Hutchinson 1082 N); Population, for *Helicobacter pylori* and effect on dyspepsia and quality of life (randomised trial) (Moayyedi et al 1665); School-based for sexually transmitted diseases (Hicks 864 Com) (Cohen and Farley 1729 C); Targeted, for tuberculosis (Pirisi 1525 N)
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Seizures After traumatic brain injury (Chadwick 334 Com); Alcohol abuse association (Liu et al 1969 N); In cerebral malaria and prevention by phenobarbital (randomised trial) (Molyneux 671 Com) (Crawley et al 701) (Enwere 1643 C); Epileptic, in pregnancy vs pseudoseizures (Kuruvilla and Nair 318 C); Neonatal, after pyridoxine in pregnancy (72 correction)
Selective oestrogen receptor modulator (SERM) Breast cancer prevention study (McNamee 729 N)
Selective serotonin reuptake inhibitors (SSRI) Discontinuation symptoms (Young and Haddad 1184 C) (Wade 1822 C); Toxicity and overdoses (Bosch et al 1554 C)
Self-harm Paracetamol poisoning prevention methods and results (Poulin 2009 Com) (Prince et al 2047 R) (Turvill et al 2048 R)
Self-hypnotic relaxation For invasive medical procedures (randomised trial) (Lang et al 1486)
Self-replicating life Evolution experiments (Senior 814 N) (Tan 1371 C) (Reinikainen 1916 C)
Sellafield nuclear site Health and safety chief appointed (Birchard 1440 N); Stillbirths amongst offspring of male radiation workers (Doyle et al 492 C) (Selby 492 C) (Doll 493 C) (Parker et al 493 C) (Tawn 493 C); Under threat from international pressure (Birchard 1250 N)

Seminars

Dermatomyositis (Callen 53)
Lung cancer (Hoffman et al 479) (1280 correction)
Mitochondrial respiratory chain disorders and mitochondrial DNA defects (Leonard and Schapira 299)
Mitochondrial respiratory chain disorders, neurodegenerative disorders and nuclear gene defects (Leonard and Schapira 389)
Scabies and pediculosis (Chosidow 819)

Semirecumbency Intensive care patients (Röggla and Röggla 1012 C) (Simini 1012 C) (van Saene et al 1012 C) (Bauer and Torres 1013 C) (Tulleken et al 1013 C)
Senile plaques Removal by amyloid-β in Alzheimer's disease (Perry et al 757 C)
Sensorimotor polyneuropathy Chronic axonal, associated with raised CSF protein (case report) (Razavi et al 38)
Sepsis Detection/treatment in neonates and effect on mortality (Garner and Baea 498 C) (Walraven 498 C)
Septic shock Antibodies against macrophage migration inhibitory factor as possible new therapy (472 N); Compartmentalised nitric oxide synthase activity (Annane et al 1143)
Seroepidemiology Hepatitis E virus (Purcell and Emerson 578 C)
Serotonin Neurotoxicity in MDMA users (viewpoint) (Boot et al 1818); Receptors (Bateman 860 Com)
Serotonin 5-HT$_3$ antagonist Alosetron for irritable bowel syndrome (randomised trial) (Lembo 1030 Com) (Camillieri et al 1035); Effect of decreasing vagal activity with ondansetron on bulimia nervosa (randomised trial) (Kinns 769 Com) (Faris et al 792)
Serotonin 5-HT antagonists Triptans effect on/in migraine (Bateman 860 Com)
Serotonin noradrenergic reuptake inhibitors (SNaRIs) For depression treatment (review) (Kent 911) (Bosch et al 1554 C) (2000 correction)
Serpins Neuroserpin, mutations and diseases associated (Miller and Roos 590 Com)
Seven Countries Study Coronary heart disease (CHD) risk with increased blood pressure (Senior 206 N)
Sex Impact on inheritance of ankylosing spondylitis (Feldtkeller and Braun 1096 C) (Miceli-Richard et al 1097 C) (Calin et al 1098 C)
Sex differences In lung cancer susceptibility (Larkin

121 N); Navigation and use of hippocampus (Sharp 1034 Com); Placental dysfunction with male vs female fetus (Edwards et al 203 R)
Sex discrimination Case won by female obstetrician and gynaecologist in Ireland (Birchard 1895 N); In science (1287 E)
Sex ratio Dioxin effect (Clapp and Ozonoff 1838 Com) (Mocarelli et al 1858); Hyperemesis gravidarum link (James 407 C) (Sørenson et al 407 C) (Galanakis 756 C) (Verkuyl 756 C)
Sexual abuse Of children and intergenerational transmission (Neugebauer 1116 Com); Of men in detention in Sri Lanka (Peel et al 2069); UNICEF's PAPAI project (2087 E)
Sexual behaviour Determinants and HIV prevention (Donovan and Ross 1897)
Sexual health Risk compensation hypothesis (viewpoint) (Richens et al 401) (Pinkerton 1556 C)
Sexual relationships Violence, psychosis and stalking relationships (Farnham et al 199 R) (Terao 933 C)
Sexually transmitted diseases (STDs) Control for HIV-1 prevention and Mwanza/Rakai trial implications (Grosskurth et al 1981); Increase in gonorrhoea cases in London and UK towns (Martin et al 623 R) (Fenton et al 1907 C) (Browning et al 1908 C) (Donovan et al 1908 C); Research and policy formulation (Hawkes et al 1275 C) (Rasheed and Karim 1275 C) (de Francisco 1276 C); School-based screening case (Hicks 864 Com) (Cohen and Farley 1729 C); Syphilis increase in Manchester (UK) (Higgins et al 1466 C)
Shaken-baby syndrome Lucid interval and (Byard et al 758 C)
Shaking-impact syndrome Lucidity and (Byard et al 758 C)
Sharp P A (Raju 2085)
Sheep dips Organophosphate, withdrawn from use in UK (51 N)
SHEP study Blood pressure reduction and hypertension thresholds (Alderman 159 Com) (Port et al 175)
Shiga toxin Absorption by shiga-toxin-receptor on *Escherichia coli* (Allen 905 N); Potency comparison with botulinum toxin (Schechter and Arnon 237 C)
Shipman H F Appeal against conviction (818 N); Conviction for murders and implications on general practice (421 E) (Ashraf 471 N)
Shock Septic see Septic shock
Short gut syndrome Paediatric living-related intestinal transplantation for (Morel et al 723 R)
Shortridge K (328 L)
Shoulder dystocia Causing injury to obstetrician (Elchalal et al 322 C)
Siblings Rivalry (Katzenstein 414 C)
Sibrafiban Aspirin vs, for cardiovascular event prevention and adverse effects (randomised trial) (Heeschen and Hamm 330 Com) (SYMPHONY Investigators 337) (2000 correction)
"Sick house syndrome" Treatment measures in Japan (Watts 1798 N)
Sickle cell anaemia (Weatherall and Provan 1171); Pathogenesis/treatment of acute chest syndrome (Gladwin and Rodgers 1476 Com); Priapism therapy (Bosch 122 N)
Sickling disorders (Weatherall and Provan 1171)
Sierra Leona Trauma of war and human rights (de Jong et al 2067)
Signal transduction Mechanisms in multiple myeloma (Tricot 248 Com)
Sildenafil Case lost by Pfizer in Australia (Loff and Cordner 1168 N); Effects extended to other organs (Bosch 631 N); Not likely to cause cardiac deaths (2054 N); Safety in impotence (Guay 753 C) (Morgentaler 754 C)
Silicon chip Implantation for artificial vision (Larkin 1080 N)
Silicone breast implants Expert witnesses and debate/reforms (Senior 1077 N)
Simian foamy virus infection Among zoo keepers (Sandstrom et al 551 R)
Simple sequence repeats Rapid identification of *Escherichia coli* strains using (Rowe 292 N)
Single-photon emission tomography (SPET) Raynaud's syndrome in SLE (Mathieu et al 1102 C)
Sirolimus Tacrolimus with for immunosuppression after transplants (McAlister et al 376 R)
Sjögren's syndrome Autonomic nervous impairment in pathophysiology (Hakala and Niemelä 1032 Com)
Skin flaps Prefabricated vascularised supraclavicular flaps for face resurfacing after burns (Teot et al 1695 R)
Skis Carving and increased injury rate (Glass 293 N)
Sleep Neurons initiating (Butcher 1524 N); Role of hypocretin pathway and hypocretin deficiency in narcolepsy (George and Singh 6 Com) (Nishino et al 39 R) (Taheri et al 847 C) (Schuld et al 1274 C)
Sleep apnoea Not major cause of sudden infant death syndrome (Harrigan 992 N)
Sleep attacks (episodes) Parkinson's disease treatment (Ferreira et al 1333 R); Pergolide causing (Schapira 1332 R)
Sleep disorders In Alzheimer's disease and tryptophan decrease (Widner et al 755 C); Website (Larkin 507)
Sleeping sickness see Trypanosomiasis
Small cell lung cancer Treatment (Hoffman et al 483 S) (1280 correction)
Small intestine Carcinoma, ascariasis mimicking and presenting with ascites and abdominal masses (case report) (Hui et al 546); Endoscopy using camera in swallowable capsule (1891 N)
Smallpox Vaccine to be retested in US (998 N)
Smallpox eradication scheme Social dis-ease of collective responsibility (Greaves 1190 C)
Smell Impairment as marker of early Alzheimer's disease (Burns 84 Com) (Henkin 1014 C) (Polani 1015 C)
Smoke-free environment Warning for Dutch employers (1530 N)
Smoking Anti-smoking campaign in Jordan (Kandela 1800 N); Battle against trends/expenditure in Japan (Shibuya and Hashimoto 1188 C) (Takei 1188 C); Cessation, campaigners disappointed after policy shift in Japan (Watts 2227 N); Cessation, website (Larkin 584) COPD association mechanisms and treatment (Melton 472 N); Global health policy debate and influence of trade and profit (1923 E); Increase in teenagers in Japan (Ueno and Kawabata 238 C); Invasive pneumococcal disease linked (Ahmad 993 N); Labelling requirements and visual warnings on packs in Canada (Kondro 381 N); Lower risk of Parkinson's disease (Weber 1701 N); New Year resolutions not kept by Americans (Mullan 47 N); Official cigarette tar tests misleading and use of two-stage compensating test (viewpoint) (Kozlowski and O'Connor 2159); Trends in US teenagers (121 N); US Federal Trade Commission's testing method and tar/nicotine levels in cigarettes (Ahmad 381 N); World No Tobacco Day (Watts 2227 N)
Snacking Christmas weight gain and (Garrow 8 Com)
Snail (protein) Role in metastases (382 N)
Social dis-ease Collective irresponsibility and (Greaves 1190 C)
Social isolation Influence on cognitive function and dementia (Berkman 1291 Com) (Fratiglioni et al 1315)
Social networks Influence on cognitive function and dementia (Berkman 1291 Com) (Fratiglioni et al 1315)
Sodium channels Mutation and Brugada syndrome causing sudden cardiac death in children (Priori et al 808 R); T594M polymorphism and disease association (Cappuccio et al 1278 C)
Soldiers see Military personnel
SOLVD trial In meta-analysis of long-term ACE inhibitors in heart failure (Velazquez and Califf 1568 Com) (Flather et al 1575)
South Africa AIDS taskforce questioned over antiretroviral drugs for pregnant women (Baleta 558 N); Blood donation refusal from homosexual and debacle (Larkin 1799 N); Business response on HIV/AIDS (478 N); Cautious welcome for antiretroviral drug cost reduction (Baleta 1799 N); Debt relief for Mozambique called for (Ramsay 996 N); Fluconazole donation for HIV-related cryptococcal meningitis ('t Hoen 1528 N); High-dose chemotherapy in breast cancer trial and scientific misconduct inquiry (Farham and Bradbury 553 N); HIV care debate and politics (1473 E) (Clumeck 2162 C) (O'Farrell 2162 C) (Stewart et al 2162 C) (Sonnabend 2163 C); HIV theory of AIDS questioned (Baleta 1167 N); Information exchange and barriers (Horton 2234); Inquiry into apartheid regime doctor (Basson W) (Baleta 2059 N); Low-level use of antiretroviral therapy to curb AIDS epidemic (Wood et al 2095); Medicines Control Council contradiction of Health Minister over nevirapine deaths (Baleta 1342 N); Physicians need to confront past and work towards human rights improvements (de Gruchy and Rubenstein 838); Regional task force on traditional medicine and AIDS (Bodekar et al 1284); Violence and community psychiatry (Lightigfeld and Gillman 1804)
South Asia Childhood neuromorbidity (Sharma 478 N)
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Southeast Asia Information exchange and barriers (Horton 2231); Nutritional disorder burden (Kumar 52 N)
Soy phyto-oestrogens Dubious benefits and potential risks (Sirtori 849 C)
Space exploration Microgravity-induced bone loss (Holick 1569 Com) (Vico et al 1607)
Spacers Home-made, for asthma (Cates 70 C) (Zar et al 70 C)
Spain Abortions increase (Bosch 636 N); Birth rate at all time low (Bosch 126 N); Blood donation reduction concerns (Bosch 1529 N); BSE risk status and anger (Bosch 2058 N); Cannabis user (on medical grounds) acquitted (212 N); Cardiovascular surgeon's remarks over deaths on waiting lists (Bosch 1894 N); Controversial government health advisor appointed (Bosch 1798 N); Doctors careless of own health (Bosch 2146 N); Domestic violence extent (Bosch 557 N); Donor pool increased by new organ law (Bosch 212 N); Drug sales from supermarkets (Bosch 1166 N); Drug users' brains to be removed 2 hours after death (Bosch 1889 R); Drug-pricing policy and pharmaceutical industry response (Bosch 1081 N); Electronic tagging for Alzheimer's disease patients (Bosch 997 N); Fingerprinting of babies at birth (Bosch 296 N); Health standards assessed by "false patients" (Bosch 1979 N); Hepatitis C scandal blame apportioned by newspaper (Bosch 818 N); HIV/AIDS drug-resistance tests approved (Bosch 1343 N); Increasing cocaine use by adolescents (Bosch 2230 N); Menopause Fortnight and emphasis on quality of life during menopause (Bosch 478 N); New health service plans (Bosch 1625 N); Psychiatric units needed for children (Bosch 1250 N)
Specialists Need for regular medicals (Proctor 502 C)
Specialties Practice guideline development by societies (Miller and Petrie 82 Com) (Grilli et al 103) (Kelly et al 1646 C) (Gilli and Liberati 1647 C)
Speech Effect of surgeon's experience on outcome in cleft lip and palate (Warlow et al 932 C) (Williams et al 932 C)
Speleotherapy Asthma therapy in Austria (Glass 1979 N)
Sperm Donors to remain anonymous for 2 years in Netherlands (Weber 1249 N); Fecundity and time to pregnancy variations (te Velde et al 1928 Com) (Joffe 1961); Frozen, controversy over parent's access to dead son's sperm (Ramsay 50 N)
Spinal cord Injury, autoimmune T cells as potential neuroprotective therapy (Hauben et al 286 R); Remyelination of injured neurons by embryonic stem cells (Senior 1890 N); Repair prospects (Senior 1340 N)
Spinal deformity Management guide for UK surgeons (Clark 1626 N)
Spinal injections Pain perception (Simini 1076 R) (de A Nishioka 1726 C) (Simini 1726 C)
Spironolactone Congestive heart failure and prerelease of RALES report (Georges et al 1369 C)
Spondylodiscitis Pyogenic infection due to *Fusobacterium varium* presenting with earache and back pain (case report) (de Gans et al 464)
Sport New test for erythropoietin abuse (Larkin 2053 N)
Spyer M (156 L)
Squalor People who live in and need for health care (Halliday et al 882) (Walsh 1650 C)
Squamous cell carcinoma Head and neck tumours, and chemotherapy effect (meta-analyses) (Pignon et al 949) (1650 correction)
Sri Lanka Sexual abuse of men whilst in detention (Peel et al 2069); Thalassaemia in and health burden implications (de Silva et al 786)
Stalking Violence and psychosis relationship (Farnham et al 199 R)
Stanol esters Serum cholesterol reduction after intake (Larkin 555 N)
Staphylococcal enterotoxin Toxic shock prevention by antagonist to (Fishman 1339 N)
Staphylococcus aureus Toxins and role in sudden infant death syndrome (Butcher 2224 N)
Staphylococcus zooepidemicus Epidemic nephritis in Brazil associated with (from unpasteurised dairy products) (Balter et al 1776)
Stapling technique For haemorrhoidectomy (randomised trials) (Fazio 768 Com) (Rowsell et al 779) (Mehigan et al 782) (Molloy and Kingsmore 810 R) (Beattie and Loudon 1648 C) (Roos 1648 C) (Brisinda et al 2253 C) (Engel and Eijsbouts 2253 C)
Star signs Clinical trials and *The Lancet* report (Horton 1033 Com)
"Startle" test In schizophrenia and differing response of early-onset/late-onset disease (Larkin 2224 N)
Statins Drug interchangeability (Drummond 316 C) (McNee et al 316 C) (Furberg et al 317 C) (Wierzbicki et al 317 C); Evidence for prenylation in renal disease (hypothesis) (Khwaja et al 741) (Khwaja et al 742) (Si and Imagawa 1460 C); Increased bone-mineral density in postmenopausal women (Edwards et al 2218 R); Osteoporotic fracture risk reduction (Chan et al 2185)
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Steatorrhoea In anticonvulsant osteomalacia and vitamin D malabsorption due to pancreatic insufficiency (case report) (Drenth et al 1882); Due to Olestra consumption (630 N)
Stem cell(s) Adult (neural), developmental capacity (1974 N); Embryonic, remyelination of injured rat spinal cord neurons (Senior 1890 N); Human nerve cell growth from (Loff and Cordner 1344 N)
Stem cell disorders Anaemia due to (Provan and Weatherall 1265)
Stem cell transplantation Autologous haematopoietic with high-dose chemotherapy in HIV-1-associated lymphoma (Gabarre et al 1071 R); De novo T-cell production and prediction by assessment of thymic out-

put (Storek and Storb 1843 Com) (Douek et al 1875); High-dose chemotherapy for breast cancer and need for rethink after scientific misconduct report (Bergh 944 Com); Latex allergy concern in donor (Goulden et al 315 C) (Bandini et al 850 C) (Gravett et al 1555 C) (Hayman et al 1555 C); Outcome in Fanconi's anaemia (Bosch 291 N); Peripheral blood stem cells vs bone marrow in haematological malignancies (randomised trial) (Bensinger and Deeg 1199 Com) (Powles et al 1231); See also Peripheral blood stem-cell transplantation (PBSCT)

Sterilisation Enforced in Sweden (Ramsay 1252 N); New guidelines for mentally handicapped people in Switzerland (Kapp 815 N)

Sterilisation (antimicrobial) Methods for control of *Legionella pneumophila* in drinking-water systems (Hoebe and Kool 2093 Com)

Steroids For visual loss in giant-cell arteritis (Hayreh 1572 Com)

STI571 (signal transduction inhibitor 571) In chronic myeloid leukaemia (Goldman 1031 Com)

Stigma Abuse and promiscuity (Wakley essay) (Preston 659 C) (Schwartz and Guest 659 C)

Stillbirths Offspring of male radiation workers (Doyle et al 492 C) (Selby 492 C) (Doll 493 C) (Parker et al 493 C) (Tawn 493 C)

Stinging nettles Osteoarthritis pain/disability reduction by (Larkin 1975 N)

STOP-2 trial Hypertension management (Fuchs 651 C) (Safar et al 651 C) (Wang et al 651 C) (Siebenhofer et al 652 C) (Steffen et al 652 C) (Brown et al 653 C) (Hansson et al 653 C)

Streptococcus pneumoniae Acute pneumonia aetiology/outcome and mortality risk factors in Kenya (Scott et al 1225) (1560 correction) (Harries et al 2256 C); Infection in HIV and prevention by 23-valent polysaccharide vaccine (French et al 2106)

Stress Dissociative response and near-death experiences (Greyson 460); In health care professionals and hospital staff (Weinberg and Creed 533); Mental health problems for police in New Delhi (Kumar 1082 N); Occupational, causes/factors influencing and reduction (Bonn and Bonn 124 N); Oncologists (Aass and Lote 1103 C)

Stress hormone Long-term retrieval of memorised information impaired (Bosch 1078 N)

Stress hyperglycaemia With myocardial infarction and increased risk of death (Capes et al 773) (Marfella and Giugliano 1647 C) (Oliver 1647 C) (Burden 2170 C)

Stress response Infants and effect of mode of delivery (Taylor et al 120 R) (Paludetto et al 1100 C)

Striae Violaceous in Cushing's syndrome in pregnancy (case report) (Prebtani et al 1692)

Stroke Acute ischaemic benefit of aspirin (meta-analysis) (Bradbury 2054 N); Acute ischaemic low-molecular-weight heparin vs aspirin (randomised trial) (Berge et al 1205); Acute ischaemic neuroprotection by glycine antagonist (gavestinel) (randomised trial) (Gorelick 1925 Com) (Lees et al 1949); Cortical reorganisation (plasticity) (Bonn 1974 N); Hyperacute, outcome prediction by quantitative CT (Barber et al 1670) (2170 correction); Ischaemic, laser thrombolysis role/development (Bonn 1976 N); Mortality in urban/rural Tanzania (Walker et al 1684); Prevention by anticoagulant therapy in atrial fibrillation and decision analysis/guidelines (Thomson et al 956) (1466 correction); Rehabilitation, research should be focused (viewpoint) (Pomeroy and Tallis 836); Risk reduced by meditation (Larkin 812 N); Safe feeding methods (Finestone 1662 Com); Tamoxifen in NSABP B-24 association (Dignam and Fisher 848 C); Treatment and secondary prevention by long-term aspirin use (Overell et al 319 C) (Hankey and Warlow 320 C) (Newcombe 320 C) (Singer 321 C)

Stroke-distance Measurement after myocardial infarction (Firstenberg and Thomas 1204)

Strongyloides Hyperinfection, parenteral ivermectin for (Chiodini et al 43 R)

Stroop task Frontal lobe regions involved (Butcher 2055 N)

Structured attentive behaviour Analgesia for invasive medical procedures (randomised trial) (Lang et al 1486)

Subarachnoid haemorrhage Nature of ruptured vs unruptured cerebral aneurysms (Kataoka et al 203 R) (Nawashiro 1368 C)

Subdural haematoma Predictive of child abuse (Mitchell 207 N)

Subfertility Idiopathic, cost-effectiveness of intrauterine insemination vs in-vitro fertilisation (randomised trial) (Bhattacharya and Hall 2 Com) (Goverde et al 13)

Sudden cardiac death Atopy protective effect (Szczeklik 2254 C); In children due to Brugada syndrome (Priori et al 808 R); Clozapine association (Chan 841 C) (Devarajan et al 841 C) (Suttmann et al 842 C) (Warner et al 842 C) (Kilian and Celermajer 843 C) (1190 correction)

Sudden infant death syndrome (SIDS) Investigation in UK (Ramsay 476 N) (934 correction); New theories on cause and role of *S aureus* toxins (Butcher 2224 N); Pacifiers and role in protection from (Diaz-Rossello et al 1829 C); Role of NMDA receptors (Butcher 1701 N); Sleep apnoea not major cause (Harrigan 992 N)

Suicide High rate in Canada's native people (Ferry 906 N); Media guidelines on portrayal in Ireland (Birchard 386 N); Risk factors in Denmark (Mortensen et al 9); Terminally ill patients (MacReady 554 N); In women (Appleby 1203 Com) (Ringbäck Weitoft et al 1215) (Yusuf et al 1220) (Razum and Jahn 2169 C)

Sumatriptan Migraine treatment (Bateman 860 Com) (Palmer and Salonen 2251 C)

Sun Sensitivity in individuals without red hair and melanocortin-1-receptor gene (Healy et al 1072 R)

Sunlight Exposure and cataract development link (992 N)

Sunscreens Safety intervention and high-risk behaviour (Bagot and Revuz 1555 C)

Superantigens Antagonist prevents toxic shock in mice (Fishman 1339 N)

Supercourse lecture Epidemiology and global health on Internet (Sekikawa et al 2000 C)

Supermarkets Sales of drugs in Spain (Bosch 1166 N)

Superoxide dismutase Rapid loss of activity during antigen-induced asthmatic response (Comhair et al 624 R)

Supine body position Nosocomial pneumonia risk factor (Röggla and Röggla 1012 C) (Simini 1012 C) (van Saene et al 1012 C) (Bauer and Torres 1013 C) (Tulleken et al 1013 C)

Support groups Online (Larkin 1834)

Surface tension Changes causing urinary bubbles and use for proteinuria detection (Diskin et al 901 R)

Surfactant Selection for respiratory distress syndrome (randomised trial) (Jobe 1380 Com) (Ainsworth et al 1387)

Surgeon Amputation of healthy limbs in apotemnophilia in UK (Ramsay 476 N); Double gloving effect on accidents, infection transmission and electrical resistance (Jensen 514 Com) (Hentz et al 1914 C); Experience on speech outcome in cleft lip and palate (Warlow et al 932 C) (Williams et al 932 C); Mortality rates for surgery for congenital heart defects in children (Treasure 948 Com) (Stark et al 1004); Plastic, surplus number in Venezuela (Wallerstein 2060 N); Spinal deformity management guide (Clark 1626 N); Yacoub M (Bonn 474 N)

Surgery Awareness during general anaesthesia (prospective study) (Simini 672 Com) (Sandin et al 707) (Buerkle and Wuesten 1721 C) (Downie and Avidan 1721 C) (Gilston 1722 C) (Sandin et al 1722 C) (Schou 1723 C); Bias against publication of papers and need for trials (Magos et al 413 C) (Smith 849 C) (Baum 1466 C); Biliary atresia, frequency and outcome (Rothwell 4 Com) (McKiernan et al 25) (Lloyd et al 1099 C); Cerebral dysfunction after cardiopulmonary bypass linked to duration (Ahmad 903 N); Early vs late for primary hyperparathyroidism (Toft 1478 Com); Elective and cardiac risk stratification (Mayet et al 500 C); Of little help in body dysmorphic disorder (Ashraf 2055 N); Oxygen during and wound infection decrease (Simini 383 N); Postoperative radiotherapy vs in stage-1 endometrial cancer (randomised trial) (Look 1381 Com) (Creutzberg et al 1404); Procedures for urinary stress incontinence (Bidmead and Cardozo 2183 Com); Prophylactic, in *BRCA1/BRCA2* mutations (Meijers-Heijboer et al 2015); Radical prostatectomy and reduction of side-effects (Larkin 207 N); Views of research in medical publications and need for reassessment (Baum 1466 C); Waiting lists for heart surgery and deaths before (Spain) (Bosch 1894 N)

Surrogate pregnancy Italian case challenged by medical association (Simini 996 N)

Surveillance After colorectal cancer resection (review) (Berman et al 395); Communicable diseases in Balkans (Christos et al 1465 C); Of disease and funding increase in US (212 N); Influenza epidemics/pandemics (509 E) (Kasai et al 1558 C); In leprosy and clinical prediction rule for nerve-function impairment (Croft et al 1603)

Sweating Heat illness and death of British officer-cadet (viewpoint) (Porter 569) (Kashmeery 1992 C) (Shani et al 1992 C) (Brahams 1993 C) (Dearing 1993 C) (Porter 1993 C) (Porter 1994 C)

Sweden Cancer register and corrected data (Stenbeck 1279 C); Enforced sterilisations (Ramsay 1252 N); In-vitro fertilisation study (Abdalla et al 844 C) (Booth et al 845 C) (Sebire 845 C) (Bergh et al 846 C) (D'Souza et al 846 C); Mortality of lone mothers (Appleby 1203 Com) (Ringbäck Weitoft et al 1215) (Razum and Jahn 2169 C)

Swedish Trial in Old Patients with Hypertension (STOP-2) Hypertension management (Fuchs 651 C) (Safar et al 651 C) (Wang et al 651 C) (Siebenhofer et al 652 C) (Steffen et al 652 C) (Brown et al 653 C) (Hansson et al 653 C)

Switzerland Assisted reproduction and public vote (996 N); Diagnostic error rates in three medical eras (Sonderegger-Iseli et al 2027); Genetically modified food law (Kapp 388 N); New guidelines for sterilisation of mentally handicapped people (Kapp 815 N)

SYMPHONY trial Sibrafiban vs aspirin for cardiovascular event prevention and adverse effects (Heeschen and Hamm 330 Com) (SYMPHONY Investigators 337) (2000 correction)

Syphilis Increase in Manchester (UK) (Higgins et al 1466 C); Ocular presenting as retinitis in HIV-positive patient (case report) (Young et al 984) (Kuruvilla 2073 C)

Syringomyelia Respiratory failure in (case report) (Fuller and Stanners 284)

Syrinx Rupture, after choking and respiratory failure due to (case report) (Fuller and Stanners 284)

Systematic overview see Meta-analysis

Systemic lupus erythematosus DNase1 protection against (Hollon 1975 N); Exacerbation vs allergic reaction to corticosteroids (case report) (Maeshima et al 198); Raynaud's syndrome in (Mathieu et al 1102 C)

Systolic blood pressure Improved control called for in US (Bradbury 1700 N); Threshold for hypertension (Alderman 159 Com) (Port et al 175)

Systolic hypertension Isolated, risks of untreated/treated in elderly (meta-analysis) (Staessen et al 865)

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Tacrolimus Sirolimus with for immunosuppression after transplants (McAlister et al 376 R)

Tafenoquine Malaria chemoprophylaxis (randomised study) (Lell et al 2041)

Taiwan End of exile and inclusion into WHO (Khan 579 C)

Tajikistan Primary care (Mashta 295 N)

Taliban see Afghanistan

Tamoxifen Breast cancer prevention study (IBIS) update (McNamee 729 N); Ovarian cyst development and ovarian cancer screening (Crayford et al 1060) (Mourits et al 2078 C); Stroke events in NSABP B-24 (Dignam and Fisher 848 C)

Tanzania AIDS project (health education, youth-friendly sexual health service and community mobilisation) (Fox 1703 N); Effect of El Niño on highland malaria (Lindsay et al 989 R); Stroke mortality (urban/rural) (Walker et al 1684)

Tar In cigarettes and official tests misleading and use of two-stage compensating test (viewpoint) (Kozlowski and O'Connor 2159)

Taste Loss, reversible as effect of clopidogrel (Golka et al 465 R); Receptor identified for fifth taste (*umami*) (Larkin 383); Receptors, bitter, identification and improved drug compliance prospect (Mullan 1246 N)

Tau protein Dementia classification (Mann et al 626 R)

Taxanes Glaucoma induced by (del Pilar Bernal et al 577 C) (Ravaud 577 C); Likely to be approved by NICE in UK (1342 N); Side-effects, monotherapy and combination therapy (review) (Crown and O'Leary 1176)

Taxi-driving Hippocampus and navigational abilities (Sharp 1034 Com); Plasticity in adult brain structures (Mullan 993 N)

TCDD Levels in feeds/food and fish (Clapp and Ozonoff 1838 Com) (Kiviranta et al 1883 R) (Neuberger et al 1883 R); Paternal concentrations and sex ratio of offspring (Clapp and Ozonoff 1838 Com) (Mocarelli et al 1858)

T-cell receptor Rearrangement excision DNA circles (TREC), assessment of T-cell reconstitution after stem cell transplantation (Storek and Storb 1843 Com) (Douek et al 1875); Rearrangement excision DNA circles (TREC) and HIV-1 clinical outcome (Hatzakis et al 599)

T-cells Autoimmune, as neuroprotective therapy for spinal cord injury (Hauben et al 286 R); De novo production and reconstitution after stem-cell transplantation (Storek and Storb 1843 Com) (Douek et al 1875); HSV thymidine kinase expression, grafts and vitiligo after ganciclovir treatment of GvHD (Aubin et al 626 R); Th2 chemokines as therapeutic target in asthma (Menzies-Gow and Robinson 1741 Com); Thymic emigrant αß T-cells in peripheral blood as marker of HIV outcome (Hatzakis et al 599); Type 1 response, enhanced by indoor endotoxin exposure in early life and allergen sensitisation prevention (Gereda et al 1680)

Tea Green, cancer prevention (McNamee 729 N)

Teenagers see Adolescents

***TEL-AML1* translocation** Acute lymphoblastic leukaemia diagnosis and (Greaves et al 1017 C) (Janin 1017 C)

Teleconsultancy International and medicolegal aspects (van Heijningen et al 757 C)
Telemedicine International and medicolegal aspects (van Heijningen et al 757 C); Mycetoma diagnosis (Simini 728 N); For remote Indian villages (Sharma 1529 N)
Telephone Mobile see Mobile phones; Triage system affected by poor medical terminology by public (729 N)
Television Epilepsy induced by and mechanism (Bosch 728 N)
Telmisartan (Burnier and Brunner 639)
Telomerase Activity restoration by gene therapy and end-stage liver failure prevention (Mullan 630 N); As drug development target and promising results (Senior 2226 N); TERT (subunit) cloning (Senior 2226 N)
Telomerase reverse transcriptase As candidate for "universal cancer vaccine" (Gozlan 1337 N)
Temoporfin BMJ apology to Scotia Holdings over error in report (Ashraf 2139 N)
Temozolomide For malignant brain tumours (Batchelor 1115 Com)
Temperature Monitoring with ThermoSpots (Kennedy et al 1364 C)
Temporal arteritis see Giant-cell arteritis
Temporal lobe epilepsy Cognitive impairment (Jokeit et al 1018 C) (Helmstaedter 1019 C)
Tension-free Vaginal Tape Use for urinary stress incontinence (Bidmead and Cardozo 2183 Com)
Terminally ill patients Depression diagnosis and treatment (MacReady 554 N); Passive euthanasia debate in Hong Kong (Watts 633 N)
TERT (telomerase subunit) Cloning (Senior 2226 N)
Testicular cancer Germ cell tumour, secondary ßHCG-dependent thyrotoxicosis presenting with thyroiditis (case report) (Chowdhury et al 2046); Plasma platinum levels 10 years after treatment with cisplatin (Gietema et al 1075 R)
Tetanus toxin Potency comparison with botulinum toxin (Schechter and Arnon 237 C)
Tetra Primate clone produced by embryo splitting (Ramsay 205 N)
Thailand Illegal organ donor practices (Ahmad 50 N)
Thalamic perfusion In reflex sympathetic dystrophy syndrome (Chojnowska 494 C) (Otte 494 C) (Fukumoto et al 495 C) (Norris and West 495 C)
Thalamocortical connectivity Restoration after recovery from persistent vegetative state (Laureys et al 1790 R) (1916 correction)
Thalamus, posterior Pulvinar sign on MRI for variant CJD detection (Morris 45 N)
Thalassaemia (Weatherall and Provan 1172); In Sri Lanka and health burden implications (de Silva et al 786)
β-Thalassaemia major Survival in UK (Modell et al 2051 R)
ThermoSpots Temperature monitoring (Kennedy et al 1364 C)
Thiazolidinediones Review (Schoonjans and Auwerx 1008)
Thiomersal In vaccines (Clements et al 1279 C)
Thioridazine QTc-interval abnormalities linked to (Reilly et al 1048)
Thomas E D (Raju 1282)
Three-dimensional ultrasonography Bone imaging (Hünerbein et al 116 R)
Thrombi Removal by laser thrombolysis (Bonn 1976 N)
Thrombocythaemia (George 1537)
Thrombocytopenia Drug-induced (George 1535); Hereditary (George 1534); Isolated, treatment (George 1534); In pregnancy (George 1537); Review (George 1534)
Thrombocytopenic purpura Idiopathic (immune) (George 1535)
Thrombogenesis Cardiovascular gene therapy target (Ylä-Herttuala and Martin 217)
Thrombolysis Laser, clot removal and role in ischaemic stroke (Bonn 1976 N)
Thrombolytic therapy Diltiazem role in acute myocardial infarction after (randomised trial) (Rosendorff 1738 Com) (Boden et al 1751); Doubts over safety in elderly (Bradbury 1794 N); Hyperacute stroke outcome prediction by quantitative CT before (Barber et al 1670) (2170 correction)
Thrombomodulin Soluble, in hypercholesterolaemia (Constans et al 145 C)
Thromboses Non-bacterial thrombotic endocarditis presenting with transient ischaemic attack (case report) (Lee and Tse 622); Prevention by inhibition of platelet function (George 1538); Risk factors and treatment (Dahlbäck 1629)
Thrombotic thrombocytopenic purpura (TTP) (George 1536); Plasma exchange efficacy and pathological/therapeutic distinctions in forms (Dundas et al 497 C) (Fakhouri et al 497 C) (Laurence 497 C)
Thymus Assessment after stem cell transplantation and prediction of T-cell reconstitution (Storek and Storb 1843 Com) (Douek et al 1875); Emigrant αß T-cells in peripheral blood as marker of HIV outcome (Hatzakis et al 599)
Thyroid disease Blood abnormalities in (Spivak 1710)
Thyroid gland Classification of size by palpation and ultrasonography in field surveys (Peterson et al 106) (Zimmerman 1995 C) (Langer and Tajtáková 1996 C) (Peterson et al 1996 C)
Thyroid nodules Cytology accuracy improvements (Bartolazzi 1661 Com)
Thyroiditis Presentation of ßHCG-dependent thyrotoxicosis secondary to testicular germ cell tumour (case report) (Chowdhury et al 2046)
Thyrotoxicosis ßHCG-dependent, secondary to testicular germ cell tumour (case report) (Chowdhury et al 2046)
Tibet No improvement to human rights (Ahmad 211 N)
Tight junctions Disassembly by zonulin and zonulin expression in coeliac disease (Fasano et al 1518)
Time-interval analysis Cardiotocography with for intrapartum surveillance (randomised trial) (Whittle 422 Com) (Strachan et al 456) (Rosén 1823 C)
Tirofiban Therapeutic efficiency in acute coronary syndromes (Burnett et al 929 C) (Heeschen and Hamm 930 C) (Biondi-Zoccai and Agostoni 931 C)
Tissue bank Profiteering allegation in US (McCarthy 1530 N)
Tissue plasminogen activator Recombinant (rt-PA), stability and sterility at -30°C (Wiernikowski et al 2221 R)
Tissues Electrical impedance and use in detection of precancerous cervical tissue (Brown et al 892)
Tobacco Battle against trends/expenditure in Japan (Shibuya and Hashimoto 1188 C) (Takei 1188 C); Health warnings scarcity in Pakistan (Ahmad 210 N); Increase in Japan, political issues and attitudes of health-care professionals (Ueno and Kawabata 238 C); Trends of use in US teenagers (121 N); WHO call for international pubic hearings on control of (Ahmad 1168 N); WHO's intensification of actions against, in developing countries (Kumar 210 N); See also Smoking
Tobacco companies Australia and New Zealand considered action against (Loff and Cordner 1251 N); British American Tobacco smuggling charges (Dean 557 N); Labelling requirements and visual warnings on packs in Canada (Kondro 381 N); Trial ordered over tobacco salesman's claim on addiction (Canada) (Kondro 1341 N)
Tobacco industry Campaign against passive-smoking hazards and subversive strategies against IARC (1197 E) (Ong and Glantz 1253); Misinformation in academic publications and tobacco control status (1197 E)
Tobacco products Tax exemption in India (Sharma 381 N); Tighter policies following WHO guidelines (Ahmad 636 N); See also Cigarettes; Smoking
α-Tocopherol Measurement and implications (Traber and Jialal 2013 Com)
Tolterodine Benefits for overactive bladder (Magee 1434 N)
Tonegawa S (Raju 583)
Tonsils VCJD study and no evidence of epidemic (1567 E) (Ashraf 1619 N) (Ironside et al 1693 R)
Torture Prevention and duty of care of physicians (Wenzel et al 1550)
Total body irradiation Cavernosal arterial insufficiency and erectile dysfunction after in multiple myeloma (Chatterjee et al 1335 R)
Tourniquets Cross-infection risk during peripheral venous access by contamination of (Golder et al 44 R)
Toxic shock Prevention by superantigen antagonist (Fishman 1339 N)
***Toxoplasma* encephalitis** In HIV-1 infection (Furrer et al 2217 R)
TRACE trial In meta-analysis of long-term ACE inhibitors in heart failure (Velazquez and Califf 1568 Com) (Flather et al 1575)
Trade Aspects of intellectual property rights ('t Hoen 1528 N)
Trade agreements WHO role (Aventin 580 C)
Traditional African medicine Promotion at Zimbabwe meeting (51 N); Regional task force in South Africa (Bodekar et al 1284)
Traditional healing Practices promoted in India (Kumar 1252 N)
TRAIL (tumour necrosis factor-related apoptosis-inducing ligand) Doubts over anticancer use after extensive hepatocyte apoptosis (Senior 1620 N)
TRANCE Secretion in multiple myeloma (Tricot 248 Com)
Transcendental meditation Heart attack and stroke risk reduction (Larkin 812 N)
Transcranial magnetic stimulation Auditory hallucinations in schizophrenia (Hoffman et al 1073 R)
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Transient ischaemic attack In non-bacterial thrombotic endocarditis (case report) (Lee and Tse 622)
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Transoesophageal echocardiography Mitral regurgitation assessment (Byrne et al 1743 Com)
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Transthyretin In familial amyloid polyneuropathy (Bosch 1163 N)
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Triatomines Interruption of Chagas' disease transmission (Harry et al 236 C)
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Trigeminal neuralgia Microvascular decompression (Bonicalzi and Canavero 928 C) (Broggi et al 929 C) (1560 correction)
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Trophic factors Increased expression in heart and hypertrophic cardiomyopathy pathogenesis (hypothesis) (Marian 58) (Östman-Smith and Wettrell 928 C)
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TRUST randomised trial Short-acting inhaled ß-agonists as needed or regular use in asthma? (Sears 1658 Com) (Dennis et al 1675)
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Trypanosoma brucei gambiense New melarsoprol schedule for treatment (randomised trial) (Burri et al 1419)
Trypanosomiasis New melarsoprol schedule (randomised trial) (Burri et al 1419)
Tryptophan Decrease in Alzheimer's disease and sleep disturbances (Widner et al 755 C)
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Tuberculosis Acute pneumonia aetiology/outcome and mortality risk factors in Kenya (Scott et al 1225) (1560 correction) (Harries et al 2256 C); Control in new millennium and lessons from 1800s (Frieden et al 1088); Diagnosis in Africa (Harries et al 2256 C); Directly observed therapy programme and treatment adherence (Volmink et al 1345) (Porter 1916 C); DOTS programme to be expanded in India after astounding success (Kumar 731 N); Drug-resistant, trends (WHO report) (1166 N); Drug-resistant (Warsaw conference) (Balinska 1246 N); Neck abscess differential diagnosis from melioidosis (case report) (Kärcher et al 1070); New class of drug for (nitroimidazopyrans) (Mullan 2223 N); Russian prison epidemic and need for legal reforms (1525 N); Susceptibility associated with vitamin D

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Adrenal steroids Role in cardiovascular disease (Stewart 697 Com)
Adrenergic blockers see Beta-blockers
Adrenocortical carcinoma Conn's syndrome due to and warning on malignancy of "adrenal incidentaloma" less than 3cm in size (case report) (Rossi et al 1570); Cryptococcal meningitis in (Kuruvilla 342 C) (Delgrange and Donckier 343 C)
Adrenocorticotropic hormone (ACTH) Isolated deficiency causing hypocortisolism (case report) (Beckers et al 908)
Adrenoleukodystrophy Cerebral X-linked, long-term effect of bone marrow transplantation (Shapiro et al 713) (Laan et al 1608 C)
Adult respiratory distress syndrome (ARDS) Pumpless extracorporeal lung assist (ECLA) (Reng et al 219 R) (Möller et al 1112 C)
Advance directives Forms and types, role, goals (Martin et al 1672); Planning for end-of-life care (Martin et al 1672)
Adverse drug reaction (ADR) Acarbose and lymphocytic colitis (Piche et al 1246 R); Analgesics (Kaufman and Shapiro 1341); Anti-D immunoglobulin in immune thrombocytopenic purpura (Imbach and Kühne 447 Com); Anticholinergic side effects mimicking diseases of old age (Weber 833 N); Anticonvulsants (Kaufman and Shapiro 1340); Antipsychotic drugs and venous thromboembolism (Tapson 1206 Com) (Zornberg and Jick 1219); Chemotherapy and erectile dysfunction (van Basten et al 169 C); Ciprofloxacin after methadone treatment (Herrlin et al 2069 R); Classification (Gruchalla 1505); Clinical approach/assessment (Gruchalla 1505); Clopidogrel and thrombotic thrombocytopenic purpura (Hankey 269 Com); Clozapine and venous

thromboembolism (Knudson et al 252 C) (Thomassen et al 252 C) (Wolstein et al 252 C); Cutaneous reactions (Knowles et al 1588); Definitions, diagnosis and management (Edwards and Aronson 1255); Diagnostic tests (Gruchalla 1507); Donepezil and urinary incontinence (Hashimoto et al 568 R); Dopamine agonists and sleep episodes (Pirker and Happe 597 C) (Ferreira et al 598 C); Hypersensitivity syndrome (Knowles et al 1587); Insulin and industry influence on consultants (Kiln and Hirst 1359 C); Lamotrigine and hyponatraemia (Mewasingh et al 656 R); *The Lancet* series (Frankel 1212 Com); *The Lancet* series, antiretroviral therapy (Carr and Cooper 1423); *The Lancet* series, clinical assessment of drug-induced disease (Gruchalla 1505); *The Lancet* series, definitions/diagnosis and management (Edwards and Aronson 1255); *The Lancet* series, epidemiological assessment (Kaufman and Shapiro 1339); *The Lancet* series, idiosyncratic drug reactions (Knowles et al 1587); *The Lancet* series, pharmacogenetics and (Meyer 1667); Lupus induced by (Knowles et al 1588); Management strategies (Gruchalla 1509); Omeprazole (Armstrong 610 Com) (Dawson and Manson 1770 C); Oral contraceptives (Kaufman and Shapiro 1341); Orlistat and hypertension (316 N); Reactive metabolite syndromes (Knowles et al 1587); Serum sickness-like reactions (Knowles et al 1588)

Advertising Direct-to-consumer in Europe (607 E) (Bliznakov 1522 C); Drug company influence on medical education in US (781 E); Food products using health messages and concerns over (Astrup et al 1786 Com)

Advisory Council on the Misuse of Drugs (ACMD) Call for reduction in drug-related deaths (Hall and Zador 7 Com) (Jones et al 1277 C)

Affective disorders Bipolar puerperal psychosis susceptibility linked to serotonin transporter gene (Coyle et al 1490 R)

Afghanistan Cholera outbreak (Ahmad 1177 N); Female aid worker ban revoked (Ahmad 321 N); Health effects of sanctions (UN report) (Ahmad 839 N); Reduction in demining operations (Ahmad 1012 N); Women employees allowed to return to work (Ahmad 748 N); Women's health and human rights needs (Amowitz and Iacopino s65)

Africa Anti-malarial drug donations (Doherty 339 C) (Buse 340 C) (Dowdle and Olukayode Oyediran 340 C); Hypertension and stroke prevention (Cappuccio et al 677 C) (Yikona 678 C); Implications of low-level antiretroviral use in HIV-1 infection (Todd 1357 C) (Wood et al 1357 C); *Loa loa* prevalence mapping in relation to ivermectin use (Thomson et al 1077 R) (1198 correction); Respiratory diseases causes and effects (Obaro s55); Snake antivenom supply problem (Tehakson and Warrell 2104 C); Southern, AIDS as main priority (Ahmad 662 N); Sub-Saharan, myocardial infarction predicted as future leading cause of death (MacReady 572 N); TRIPS agreement for antiretroviral drug availability and concerns (Horton 1541 Com); US funding for AIDS/tuberculosis campaigns (748 N)

African Programme for Onchocerciasis Control (APOC) (Abiose et al 1523 C) (Richards et al 1523 C)

African-American infants Rickets in and need for vitamin D supplementation (Ramsay 570 N)

Agency for Health Care Policy and Research (AHCPR) (Newman 1990 N)

Agency for Healthcare Research and Quality (AHRQ) Evidence-based practice centres (EPC) (Newman 1990 N)

Age-related cosmetic surgery Facial (Alam et al s60)

AIDS Activists apply for urgent use of fluconazole in South Africa (Baleta 1584 N); Activists to take South African government to court (Baleta 746 N); Activists' victory in South Africa over approval for generic fluconazole (Morris 1994 N); Children in Zimbabwe (Decosas s33); China prevalence increase (Abdullah 1856 C); DNA vaccine success in monkeys (Chande 1416 N); Europe (1994-1998), EuroSIDA study (Mocroft et al 291); HIV-1 role in aetiology and evidence from mortality data in Thailand (Kilmarx et al 770 C); Increase prevalence in Romanian adults (Antoniu 1090 N);

International AIDS meeting (Durban) (85 E); *See also* Conference/congress

International Conference and South Africa's HIV policy (Horton 225 N) (Butler 1445 C); Novel therapeutic strategy based on scrub-typhus infection (Watt et al 475) (Colebunders et al 1765 C) (Ariyoshi and Whittle 1766 C) (Watt et al 1766 C) (Ikeda and Yoshida 1851 C); Origin and challenge to oral polio vaccine theory (Horton 1005 N); Penicillosis and other skin diseases (Kullavanijaya s59); As priority in southern Africa (Ahmad 662 N); Realistic priorities for control in less-developed countries (Ainsworth and Teokul 55) (Logie and Benatar 1525 C) (Nandy and Scott 1525 C); South Africa's policy/controversy and strategy, and TRIPS agreement on drugs (Horton 1541 Com); Spread in Morocco amongst child prostitutes (Kandela 1991 N); US funding for campaign in Africa (748 N); Vaccine candidates, progress, pricing and problems (85 E); *See also* HIV-1 infection

AIDS-related primary lymphoma Of CNS and EBV-targeted therapy (Slobod et al 1493 R)

Air ambulance Venting of trapped gas (pneumothorax) and management of congenital diaphragmatic hernia (case report) (Schneider et al 480)

Air pollution Cost to health in Canada calculated by software (Kondro 144 N); Dioxin emission settlement in Japan (54 N); Indoor and respiratory diseases in Ancient Rome (Capasso 1774 C); Outdoor and health costs (London and Romieu 782 Com) (Künzli et al 795) (946 correction)

Air travel Acute hypobaric hypoxia linked to activation of coagulation (Bendz et al 1657 R); Congenital diaphragmatic hernia in child presenting with dyspnoea after (case report) (Schneider et al 480); Cytogenetics of myelodysplasia and acute myeloid leukaemia in aircrew (Gundestrup et al 2158 R); Venous thrombosis risk associated (Kraaijenhagen et al 1492 R)

Airways Histamine hyper-responsiveness, mortality prediction in COPD (Hospers et al 1313); Hyperresponsivenesseffect of monoclonal antibody to IL-5 (Boushey and Fahy 2114 Com) (Leckie et al 2144); effect of recombinant human IL-12 (Boushey and Fahy 2114 Com) (Bryan et al 2149)

Remodelling in cough-variant asthma (Niimi et al 564 R)

Aksoy S (2022 L)

Albendazole In pregnancy and effect on haemoglobin levels (Torlesse and Hodges 1083 R) (1774 correction) (Guyatt et al 2101 C)

Albumin Cardiovascular disease risk factor in diabetes (McCarthy 317 N)

Alcohol Learned aversive response in children (Larkin 743 N); Serum homocysteine level increase (Bleich et al 512 C) (Jayasinghe 512 C)

Alcoholic disinfectant Stinging with use as early sign of irritant contact dermatitis (Lübbe et al 768 C)

Alcoholic drinks Methanol in and deaths in Kenya (Ahmad 1911 N); Serum homocysteine level increase (Bleich et al 512 C) (Jayasinghe 512 C)

Alcoholism Early-onset, ondansetron treatment (Ramsay 742 N)

Alcohols Short-chain aliphatic, in disinfectants and stinging with use as early sign of irritant contact dermatitis (Lübbe et al 768 C)

Aldosteronism Primary, blood pressure decrease in pregnancy (case report) (Murakami et al 1980)

Allergens House dust mite, detection in amniotic fluid and umbilical cord blood (Holloway et al 1900 R); Mite and cat, early exposure not linked to childhood asthma (Grad 1369 Com) (Lau et al 1392); Sensitisation, T-helper cell imbalance (Schultz 1191 C) (Liu and Gereda 1192 C)

Allergy Effect of monoclonal antibody to IL-5 (Boushey and Fahy 2114 Com) (Leckie et al 2144); Effect of recombinant human IL-12 (Boushey and Fahy 2114 Com) (Bryan et al 2149); Icodextrin from peritoneal dialysis fluid (Queffeulou et al 75 C); Nickel and molybdenum in coronary in-stent restenosis (Köster et al 1895); *See also* Atopy

ALLHAT study (MacMahon and Neal 352 Com) (He and Whelton 1942 Com) (Pahor et al 1949); Doxazosin discontinuation (Hansson 508 C) (Feldman et al 509 C) (Messerli 509 C) (Osnes et al 509 C) (García-López and de Alvaro 1926 C) (Kjeldsen et al 1929 C)

Allium In garlic and cancer protective role (1249 N)

Alopecia Androgenetic (early) as marker of insulin resistance (Matilainen et al 1165 R) (Kasperlik-Zaluska and Godziejewska 2010 C)

Alosetron (Lotronex) Irritable bowel syndrome and doubts on FDA report (Barbehenn et al 2009 C) (Mangel 2009 C); Withdrawn from US market (1912 N) (2023 E)

Alpha-methylparatyrosine In schizophrenia treatment (Butcher 140 N)

Abeta3 Absence in endometriosis linked to infertility (Larkin 140 N)

Altered peptide ligand (APL) Multiple sclerosis trials stopped early (Senior 1248 N)

Alternative medicine Efficacy and difficulties assessing (Knipschild s4); Hepatitis B outbreak linked to autohaemotherapy (Webster et al 379) (Dade et al 1684 C); Monitoring before regulations in Ireland (146 N); Spanish organisation sued by doctors (Bosch 494 N); Standard of care and legal implications of death after Chinese herbal medicine (Brahams 1422 N); *See also* Complementary medicine; Traditional medicine

Alzheimer's disease ß-Amyloid peptide accumulation and pathogenesis (Butcher 2161 N); *APOE4* gene and additional gene (chromosome 10) as risk factors (Butcher 2161 N); Early, inability to detect odours (835 N); Mild, driving and safety risks (Bonn 49 N); Nicastrin role in ß-amyloid precursor protein regulation and therapeutic target (Butcher 915 N); Nobel Prize awarded for Greengard's work (Butcher 1331 N); Source of neural stem cells for repair (Senior 915 N); Vaccine progress (Butcher 2161 N)

Amazon Indians Live-measles virus vaccine administered by US scientists (1960s) and deaths associated (McCarthy 1247 N)

America Measles eradication close (McCarthy 1247 N); *See also* US

American Academy for the Advancement of Science (AAAS) Public body needed to oversee gene therapy (Ramsay 1091 N)

American College of Cardiology (ACC) Echocardiography variations (geographical) and Dartmouth Atlas of Cardiovascular Health Care (Newman 660 N)

American Demographics Website (Larkin 605)

American Heart Association (AHA) Conference report (Senior 1742 N); CPR guidelines for lay people (McCarthy 741 N); Stem cell research considered for funding (54 N)

American Medical Association (AMA) Report on direct-to-consumer drug advertising (Bliznakov 1522 C); Support for improved access of "morning after pill" (Ashraf and McCarthy 2071 N)

American Red Cross Blood shortage in US (1092 N)

American Society of Clinical Oncology 1999 meeting on high-dose chemotherapy (Bearman 595 C) (Bergh 595 C)

American Society of Tropical Medicine and Hygiene Website (Larkin 1365)

Aminoglycosides In combination antibiotic therapy for severe peritonitis (Cohen 1539 Com)

Amnesia Social, in mice caused by absence of oxytocin gene (Mullan 49 N); Transient global, venous flow pattern disturbance (Sander et al 1982 R)

Amnesty International Health workers at risk (report) (Welsh 503); Torture survey and widespread use (Ahmad 1503 N); Treatment of Saudi women denounced (Ahmad 1252 N); Website (Larkin 1617)

Amniotic fluid House dust mite allergen detection (Holloway et al 1900 R)

Amphetamines Dopamine release stimulated by in schizophrenia (Harrison 958 Com) (1528 correction)

Amphotericin Single-dose effective for Indian visceral leishmaniasis (Pirisi 1086 N) (Bryceson 1933 C)

Ampulla of Vater Carcinoma, detection by MRCP and ERCP (Geier et al 1607 C)

Amputation In 2nd century Rome (Weaver et al 686 C); Double hand and Krukenberg procedure as option in Sierra Leone (Irmay et al 1072)

Amyloid peptide Accumulation in Alzheimer's disease and pathogenesis (Butcher 2161 N); Synthesis inhibition by potential vaccine for Alzheimer's disease (Butcher 2161 N)

Amyloid precursor protein Regulation in Alzheimer's disease by nicastrin and as therapeutic target (Butcher 915 N)

Anaemia Acquired (Djulbegovic 596 C) (Durand et al 596 C); Acquired and malaria role (Rougemont et al 251 C); Aplastic, treatment and high-dose cyclophosphamide use (randomised trial) (Marsh 1536 Com) (Tisdale et al 1554); In chronic renal failure and effect on cardiovascular disease risk (Baigent et al 150); Fanconi's, Ethics of development of programmed stem-cell donors (Burgio and Locatelli 1868 Com); Maternal, anthelminthic therapy beneficial in pregnancy (Torlesse and Hodges 1083 R) (1774 correction) (Guyatt et al 2101 C)

Anaesthesia Epidural, for coronary bypass surgery (140 N); Influence on surgical-wound healing (Buggy 355 Com); UK-style postgraduate examinations in Europe (Zorab 1526 C)

Anaesthetists Recruited from Indian sub-continent for Ireland (Sharma 1585 N)

Anal bleeding From haemorrhoids or anal/perianal dermatitis and diagnostic errors (Rohde 1278 C)

Analgesics Gastrointestinal bleeding and rare outcomes (Kaufman and Shapiro 1341)

Anatomy University of Vienna (Seidelman and Israel 343 C)

Ancestim In combination of growth factors for haemopoiesis rescue (Blaise et al 1325 R)

Ancient Romans Indoor pollution and respiratory disease (Capasso 1774 C)

Androgens Blockade in advanced prostate cancer (Dalesio et al 341 C) (Labrie and Candas 341 C)

Aneurysms Abdominal aortic, endovascular stenting in patients unfit for surgery (Laheij et al 832 R)

Angina pectoris Acid-sensing ion channel causing cardiac afferent neuron depolarisation and use as potential drug target (2162 N); Cardiac headache in (case report) (Lanza et al 998); Percutaneous transmyocardial laser revascularisation (PACIFIC trial) (Oesterle et al 1705); Prinzmetal, clinical picture (Koschyk et al 1434);

Unstablepravastatin effects (LIPID study) (Tonkin et al 1871); unfractionated heparin vs low-molecular-weight heparin (600 correction) (Cohen and Turpie 1193 C) (Eikelboom et al 1193 C)

Angiogenesis In chronic myelogenous leukaemia (Garland et al 1026 C) (Gunsilius et al 1026 C); Statin-induced (Hargreaves 916 N)

Anglo-oedema Due to omapatrilat *vs* lisinopril in congestive heart failure (randomised trial) (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction); Hereditary, normal C1-inhibitor activity in women and proposed hereditary angioedema type 3 (HAI III) (Bork et al 213) (Bork et al 1440 C) (Kränke et al 1440 C)
Angioplasty Femoropopliteal, restenosis reduced by radiotherapy (Morris 1906 N); Restenosis prevention by Sulindac (Chande 1333 N); *See also* Percutaneous transluminal coronary angioplasty (PTCA)
Angiotensin-converting enzyme (ACE) inhibitors Calcium antagonists *vs* as first-line antihypertensive therapy (meta-analysis) (He and Welton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); For elderly attending day hospital and HOPE study implications (Hutcheon et al 511 C); As first-line antihypertensive drugs (He and Welton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); Individualisation of treatment for heart failure (Shibata and Perez de Arenaza 686 C); In INTERCEPT trial of diltiazem after thrombolysis in myocardial infarction (Drummond 1604 C) (Boden 1605 C); Long-term therapy (Brophy and Joseph 338 C); Omapatrilat (vasopeptidase inhibitor) *vs* lisinopril in congestive heart failure (IMPRESS randomised trial) (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction); Protection against myocardial infarction and stroke (meta-analysis) (Kaplan 1933 C)
Angola War, suffering and pretence of normality (Stokes et al 2093)
Animal experiments Rules tightened in India (Sharma 1421 N)
***ank* gene** Role in arthritis aetiology by increased mineral deposition in joints (226 N)
Annexin-V Technetium-labelled for visualisation of cell death in vivo in myocardial infarction (Strauss et al 180 Com) (Hofstra et al 209) (De Sutter et al 1439 C) (Reutelingsperger and Hofstra 2014 C)
Anorexia Space flight-related (Varma et al 681 C)
Anterior fontanelle Bulging, nutritional rickets causing (case report) (Biswas et al 132)
Antihelminthic drugs Benefits and effect on haemoglobin levels in pregnancy (Torlesse and Hodges 1083 R) (1774 correction) (Guyatt et al 2101 C); Pepsin inhibitor-3 as new target (Butcher 571 N)
Anthracyclines Cardiotoxicity prediction by troponins (Sparano et al 1947 Com)
Anthrax Injectional, in heroin skin-popper (Ringertz et al 1574 R); Outbreak in Romania "under control" (Antoniu 664 N); Vaccinations for military personnel slowed by vaccine shortage (US) (Greenberg 491 N)
Antiadhesive oligosaccharide For prevention of acute/recurrent otitis media(randomised trial) (Pelton 1370 Com) (Ukkonen et al 1398)
Anti-angiogenic effects Of interferon-α in ovarian cancer (Berek 6 Com)
Antiarrhythmic drugs Class III agent (dofetilide) in recent myocardial infarction and left-ventricular dysfunction (randomised trial) (Køber et al 2052)
Antibacterial properties Of xanthine oxidase in breast milk (Stevens et al 829 R)
Antibiotic resistance Increased ciprofloxacin resistance in gonococci in Scotland (Forsyth et al 1984 R); Pneumococcal vaccine serotypes (Spratt and Greenwood 1210 Com); Warning labels on antibiotics in US (1092 N)
Antibiotics Combination therapy for severe peritonitis (Cohen 1539 Com); Inhaled for *Pseudomonas aeruginosa* infections in cystic fibrosis (Marshall and Liou 613 Com); Phage therapy advantages (Pirisi 1418 N); Warning labels in US to reduce antibiotic resistance (1092 N)
Antibodies Single-chain scFvH6 for killing *Candida albicans* (Bradbury 1332 N)
Anticholinergic drug side effects Diseases of old age mimicked by (Weber 833 N)
Anticoagulant clinic Oral anticoagulant self-management *vs* (randomised trial) (Cromheecke et al 97) (Fitzmaurice et al 1437 C) (Levi and Büller 1437 C)
Anticoagulants, oral For cerebral venous sinus thrombosis presenting with subarachnoid haemorrhage (case report) (Ciccone et al 1818); Self-management *vs* management by specialist anticoagulant clinic (randomised trial) (Cromheecke et al 97) (Fitzmaurice et al 1437 C) (Levi and Büller 1437 C)
Anticonvulsants Adverse effect on chemotherapy efficacy in acute lymphoblastic leukaemia (Relling et al 285); Cutaneous reactions and blood dyscrasias (Kaufman and Shapiro 1340); For epilepsy management in adults/adolescents (Brodie and French 323 S) (Blau 169C C); Pre-eclampsia (Walker 1260 S); *See also* Anti-epileptic drugs
Anti-D immunoglobulin Serious adverse effects in immune thrombocytopenic purpura (Imbach and Kühne 447 Com)
Antidementia drugs Cholinesterase inhibitors for dementia with Lewy bodies (randomised trial) (Cummings 2024 Com) (McKeith et al 2031); FDA criteria for approval (Cummings 2024 Com)
Antidepressants Venlafaxine for hot flushes (Barlow 2025 Com) (Loprinzi et al 2059); *See also* Selective serotonin reuptake inhibitors (SSRI)
Anti-epileptic drugs Effect on intrauterine growth (Finnell and Burn 1537 Com); Epilepsy syndrome-specific therapy for children (1619 E) (Trevathan 1623 Com) (Chiron et al 1638); Teratogenicity (Finnell and Burn 1537 Com); *See also* Anticonvulsants
Antigen-presenting cells MHC-II expression inhibited by statins (Senior 1906 N)
Antigens Detection by in-situ immune-PCR (Cao et al 1002 R)
Antihypertensive drugs Comparisons and differences between (MacMahon and Neal 352 Com) (Hansson et al 359) (Brown et al 366) (514 correction) (Achard et al 1926 C) (Bertram 1926 C) (García-López and de Alvaro 1926 C) (Avanzini and Tognoni 1927 C) (Fournier et al 1927 C) (Palmer et al 1928 C) (Hansson et al 1929 C) (Kjeldsen et al 19239 C); Discontinuation of doxazosin in ALLHAT trial and first-line therapy (Hansson 508 C) (Feldman et al 509 C) (Messerli 509 C) (Osnes et al 509 C) (García-López and de Alvaro 1926 C) (Kjeldsen et al 1929 C); First-line drug selection (meta-analyses) (He and Welton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); For hypertensive emergencies (Vaughan and Delanty 415 S); Pre-eclampsia (Walker 1260 S); Scare over calcium-channel blockers (Kaplan 1933 C); Use of combination therapy (He and Welton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955)
Anti-inflammatory therapy Implications of recombinant human IL-12 effect on eosinophils and airway hyperresponsiveness (Boushey and Fahy 2114 Com) (Bryan et al 2149)
Anti-malarial drugs For Africa (Doherty 339 C) (Buse 340 C) (Dowdle and Olukayode Oyediran 340 C); Reduced effectiveness in HIV-1 infection (Taylor and Hoffman 1046 Com) (Whitworth et al 1051) (2016 correction)
Antineutrophil cytoplasmic antibody, perinuclear (pANCA) Inflammatory bowel disease marker (Rutgeerts and Vermeire 2117 Com)
Antioxidant paradox Of LDL modification linked to atherogenesis but limited evidence for preventative role of antioxidants (Durrington and Mackness 165 C) (Goudev et al 165 C) (Fryer 166 C)
Antioxidants Rationale for use in Wilson's disease (Gu et al 469); Secondary prevention of cardiovascular disease in endstage renal disease (SPACE randomised trial) (Boaz et al 1213); Selenium role (Rayman 236) (Ørskov and Flyvbjerg 942 C) (Fryer 943 C) (Sher 943 C) (Yusuf 943 C)
Antiparasitic drugs Production halted for cost-cutting by pharmaceutical company (McCarthy 1581 N)
Antiplatelet agents Clopidogrel and thrombotic thrombocytopenic purpura association (Hankey 269 Com)
Antipsychotic drugs Depot, advantages (Kennedy and Mikhail 594 C); Pharmacogenetics (Sher 342 C); QTc-interval abnormalities association (De Ponti et al 75 C); Venous thromboembolism association (Knudson et al 252 C) (Thomassen et al 252 C) (Wolstein et al 252 C); Venous thromboembolism risk with (Tapson 1206 Com) (Zornberg and Jick 1219)
Antiretroviral drugs Adverse effects (Carr and Cooper 1423); AIDS activists to take South African government to court (Baleta 746 N); Availability for Africa and concerns over TRIPS agreement (Horton 1541 Com); For children with HIV-1 infection (Gibb and Giaquinto s34); In HIV-1 and HCV coinfection and impact on morbidity/mortality (Greub et al 1800); Low-level use in HIV-1 infection and implications for Africa (Todd 1357 C) (Wood et al 1357 C); Patent rights *vs* patient's rights (Chirac et al 502) (Cochrane 1611 C); Potency agreement for protease inhibitors called for by Hoffmann-La Roche (Jack 1581 N); "Therapeutic anarchy" for HIV-1 infection management in Zimbabwe (Horton 1541 Com); *See also* Antiviral drugs
Anti-*Saccharomyces cerevisiae* antibody (ASCA) Crohn's disease diagnosis (Rutgeerts and Vermeire 2117 Com)
Antisense therapy *BCL2* and increased chemosensitisation of melanoma (Jansen et al 1728)
Antithymocyte globulin (ATG) High-dose cyclophosphamide *vs* in aplastic anaemia treatment (randomised trial) (Marsh 1536 Com) (Tisdale et al 1554)
Antiviral drugs EBV-targeted therapy for AIDS-related primary CNS lymphoma (Slobod et al 1493 R); Ganciclovir-resistant CMV disease in transplant recipients and treatment duration effect (Drew 609 Com) (Limaye et al 645) (Legendre 1356 C); *See also* Antiretroviral drugs
Anxiolytics New, development difficulty and cessation in Japan (Okada and Okajima 1192 C)
Aorta Arteriosclerosis in Egyptian mummy (Nerlich et al 2176); Descending, dissection and endovascular treatment (Beregi et al 482 R)
Aortic valve Calcificationatherosclerotic processes involved (Mohler 524 Com) (Farzaneh-Far 1605 C); risk factors (Mohler 524 Com) (Farzaneh-Far 1605 C)
Aortitis Syphilitic, innominate artery occlusion causing transient ischaemic attacks and limb shaking (case report) (Brotman and Fotuhi 1734)
***APC* gene** Mutation as biomarker of oesophageal cancer (1743 N)
Aphasia Bastian H C's contribution and writings (history) (Jellinek 2180); Cerebral infarction due to traumatic atherosclerotic plaque rupture causing (case report) (Meairs et al 40)
Aplastic anaemia Treatment and high-dose cyclophosphamide use (randomised trial) (Marsh 1536 Com) (Tisdale et al 1554)
Apolipoprotein E4 gene (*APOE4*) Risk factor for Alzheimer's disease (Butcher 2161 N)
Apoptosis Brain cells due to tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) (Nitsch et al 827 R) (de Vries et al 2014 C); In CNS tumours and detection of cell fragments in CSF by immunocytochemistry (Kranz 1242 R); In myocardial infarction and visualisation of cell death by radioimaging (Strauss et al 180 Com) (Hofstra et al 209) (De Sutter et al 1439 C) (Reutelingsperger and Hofstra 2014 C)
Apparent mineralocorticoid excess (AME) Dexamethasone-suppressible hypertension (Stewart 697 Com)
Appendicitis Diagnostic delay in children and diarrhoea relationship (Murch 787 Com)
Appendix Prion proteins (Dieter 505 C) (Markham 505 C)
Apples *Escherichia coli* O157:H7 association (Larkin1827 N)
Apraxia of eyelid opening (ALO) Improved by wearing goggles (Hirayama et al 1413 R)
Argentina Health care problems highlighted by Favaloro's death (Iglesias-Rogers 492 N); Health service provider admits corruption (Rogers 146 N); Maternal mortality (Schwarcz and Fescina s11); Social security reforms (Rogers 1992 N)
Aristotle Human genome project and need for shift in causal thinking (Wildner 1360 C)
Arrestin-2 Involvement in opiate tolerance development (Chande 1989 N)
Arrhythmias *see* Cardiac arrhythmias
Arsenic Renovation of old houses and features of intoxication (Gordon 170 C); *Trypanosoma brucei gambiense* treatment (Gordon 170 C)
Art Website (Larkin 2020)
Art, Department Twin-to-twin transfusion in 1617 (painting) (Berger et al 847)
Arterial compliance In young adults and birth size relationship (Styczynski et al 855 C)
Arterial occlusive disease Digital, in acute parvovirus B19 infection (Dingli et al 312 R) (Linton 1111 C)
Arteriosclerosis In Egyptian mummy (Nerlich et al 2176)
Arteriovenous malformation Spinal, after malpractice and use of new medical technology in Israel (Fishman 1089 N)
Arteritis Takayasu's, case presentation/history/diagnosis and treatment (Numano et al 1023) (Altschuler and Wheat 2013 C)
Artesunate-mefloquine combination Effect on *P falciparum* malaria incidence and mefloquine resistance (Nosten et al 297)
Arthritis *Ank* gene role causing increased mineral deposition in joints (226 N); Psoriatic, etanercept treatment (randomised trial) (Mease et al 385) (Marzo-Ortega et al 2095 C) (Spadaro et al 2095 C) (Taylor et al 2095 C) (Mease 2096 C); *See also* Rheumatoid arthritis
Arthropathy After meningococcal C conjugate vaccine (case report) (Suresh et al 1486)
Arts in health Network website (Larkin 1451)
Ascaris suum Peptide (pepsin inhibitors-3) secreted to prevent digestion in gut and development of drugs to limit infections (Butcher 571 N)
Ashcroft R (440 L)
Asia South-eastWHO support for health reforms (Sharma 839 N); women's health and WHO study (Kumar 922 N)
Asia-Pacific region Safe sex for adolescents website (Larkin 1365)
Asians South, rise in cardiovascular disease and atherosclerosis (Bell 1109 C) (Segall 1853 C); In UK, influence of vitamin D deficiency on tuberculosis (Stene 73 C) (Berrington et al 74 C) (Reid 74 C) (Wilkinson and Davidson 74 C)
ASPECTS Intra-arterial thrombolysis for hyperacute stroke (Nawashiro and Fukui 1111 C) (Barber et al 1112 C)
Aspirin Heparin *vs* in ischaemic stroke (Pereira and Warburton 73 C) (Pereira and Warburton 504 C) (Toni et al 504 C) (Berge et al 505 C); Low dose in Pulmonary Embolism Prevention (PEP) trial (Cimminiello 247 C) (Cohen and Quinlan 247 C)

(Mahé et al 248 C) (Smulders 248 C) (Tauzeeh 248 C) (Kalsi 249 C) (Parker 249 C) (Thomas 249 C) (Collins et al 250 C); Racial inequalities in decision-making in myocardial infarction (Hargreaves 569 N); Sibrafiban vs for prevention of cardiovascular events after acute coronary syndrome (SYMPHONY trial) (Altman 1521 C) (Newby et al 1521 C)

Assisted reproduction Discrimination in provision in Australia (Loff and Cordner 746 N)

Association of Research Libraries Opposition to Harcourt sale to Reed-Elsevier (Larkin 1664 N)

Asthma Age of onset and MN blood group association (Bottini et al 506 C); Allergen sensitisation and T-helper cell imbalance (Schultz 1191 C) (Liu and Gereda 1192 C); CFC inhalers to be phased out by 2005 and measures to help transition (Woodcock 2166 N); Cough-variant and airway remodelling (Niimi et al 564 R); Delta 32 deletion of CCR5 gene associated (Mitchell et al 1491 R); Effect of monoclonal antibody to IL-5 on late asthmatic response (Boushey and Fahy 2114 Com) (Leckie et al 2144); Effect of recombinant human IL-12 on late asthmatic response (Boushey and Fahy 2114 Com) (Bryan et al 2149); History of and effect on disability/limitation of effort in chronic airflow obstruction (COPD) (Lászlo et al 737 R); Outbreak in detergent factory due to proteases (Cullinan et al 1899 R); Pharmacokinetics and effects of inhaled fluticasone propionate (randomised crossover study) (Israel 527 Com) (Brutsche et al 556) (Crompton 1681 C) (Lipworth et al 1681 C) (Woodcock and Daley-Yates 1682 C); Regular use of salbutamol (Fowler and Lipworth 853 C); Risk in children not linked to early exposure to mite and cat allergens (Grad 1369 Com) (Lau et al 1392); Role of stress in attacks in children (Sandberg et al 982) (Poteliakhoff 1932 C); Short-acting β_2-agonists (Lee and Dennis 940 C); Smoke exposure in restaurant and damages awarded in Australia (1092 N); Steroid-dependent, effect of Th2 cytokine inhibitor (suplatast tosilate) (randomised study) (Tamaoki et al 273) (Payne 1444 C) (Tamaoki et al 1444 C); Vitamin E beneficial effects (Fogarty et al 1573 R)

Astrocytoma Temolozomide effects (Osoba 342 C)

Asylum system Negative health effects on asylum seekers in UK (Hargreaves 2168 N)

Atherogenesis LDL modification linked to but limited evidence for protective role of antioxidants (antioxidant paradox) (Durrington and Mackness 165 C) (Goudev et al 165 C) (Fryer 166 C); Lipid profile in elderly with ischaemic cerebrovascular disease (Cuchel et al 401 R)

Atherosclerosis Ethnic disparities in cardiovascular risk in Canada (SHARE study) (Levy and Kannel 266 Com) (Anand et al 279) (Bell 1109 C) (Segall 1853 C); Fibromuscular renal artery stenosis combination (Jayawardene et al 2138); Increase in South Asians (Bell 1109 C) (Segall 1853 C); Polycystic ovary syndrome as risk factor (Bonn 1742 N); Processes involved in aortic-valve calcification (Mohler 524 Com) (Farzaneh-Far 1605 C)

Atherosclerosis Risk in Communities (ARIC) Study Cardiovascular disease risk factors in diabetes (McCarthy 317 N)

Atherosclerotic plaque Traumatic rupture in karate expert causing cerebral infarction (case report) (Meairs et al 40)

Athletes Abnormal ECG not necessarily significant (Hargreaves 317 N); Drug abuse at Olympic games (Birchard 1008 N); Young female and risks associated (Larkin 1007 N)

Atomic bombs Long-lasting effects of nuclear bomb on hibakusha (A-bomb survivors) in Japan (Watts 1009 N); Longevity of survivors (Cologne and Preston 303)

Atopic asthma MN blood group association (Bottini et al 506 C)

Atopy Allergen sensitisation and T-helper cell imbalance (Schultz 1191 C) (Liu and Gereda 1192 C); Delta 32 deletion of CCR5 gene associated (Mitchell et al 1491 R); Lower incidence associated with vitamin E intake (Fogarty et al 1573 R); Reduction in parasite infested children and explanation for hygiene hypothesis (Holt 1699 Com) (van den Biggelaar et al 1723); See also Allergy

Atovaquone-proguanil (Malarone) Chloroquine-proguanil vs in malaria prophylaxis and concerns over costs/resistance (randomised trial) (Nosten 1864 Com) (Høgh et al 1888)

ATPase P-type, mutation in Wilson's disease (Gu et al 469); Sarcoplasmic reticulum Ca^{2+}, etomoxir action and new approach to chronic heart failure treatment (Bristow 1621 Com)

Atrial fibrillation Dofetilide after recent myocardial infarction and left ventricular dysfunction (randomised trial) (Køber et al 2052); Rhythm or rate control and pharmacological intervention (randomised trial) (Hohnloser et al 1789)

Atrio-ventricular block Attempted suicide by digitalis poisoning presenting as (case report) (Brunner et al 1406)

Attention deficit hyperactivity disorder Methylphenidate approved for use in UK (1586 N); Winnie-the-Pooh (Butcher 2163 N)

Auditory hallucinations After abscess with meningitis (570 N)

Augmerosen (*BCL2* antisense therapy) Chemosensitisation of melanoma (Jansen et al 1728)

Auricular acupuncture For cocaine addicts to assist abstinence (Morris 658 N)

Australia Deaths from child abuse and neglect (Johnson s14); Discrimination in artificial conception provision (Loff and Cordner 746 N); Doctor found guilty of manslaughter over girl's death from morphine overdose (Loff and Cordner 1909 N); Euthanasia assisted by doctor and coroner's decision (Loff 52 N); Helicopter emergency medical services (Nocera s2); Informed consent for tissue retention (Loff 1663 N); Inquiry over abortion at 32 weeks gestation (Loff 231 N); Land traded for money for dialysis services by Aborigines (Loff and Cordner 1830 N); National electronic patient records scheme approved (Carter and Loff 575 N); Pharmaceutical committee to be restructured (Loff and Cordner 1993 N); Radiologists not to be prosecuted over MRI scanner purchase (1254 N); Restrictions over pro-choice doctor and controversy (Loff 1586 N); Smoke exposure in restaurant for asthmatic and damages awarded (1092 N); Supervised heroin-injection rooms supported (494 N); UN condemnation for failure to improve status of Aborigines (Loff and Cordner 1011 N)

Austria Anatomy at University of Vienna (Seidelman and Israel 343 C); Boycott of conferences (van Weel 860 C); General practice (Rebhandl s30); Internet prescription drug hazards (Weber 1176 N); Mammography programme take-up to be improved (Röggla 410 N); Sex ratio of children in chloracne cohort (Moshammer and Neuberger 271 C); Survey on hazards of internet prescription drugs (Weber 1176 N); Tainted blood export allegations investigated (Kumar 920 N); University's (Graz) investigation of Nazi regime links (Freidl 1994 N)

Autism Genetic studies by Monaco A (Bradbury 1662 N); MMR vaccine link and (Iizuka et al 160 C) (Roger 160 C) (Elphinstone 161 C) (Gallup 161 C) (Thrower 161 C) (O'Leary 772 C) (Taylor et al 1273 C) (Birchard 1665 N) (Iizuka et al 160 C) (Roger 160 C) (Elphinstone 161 C) (Gallup 161 C) (Thrower 161 C) (O'Leary 772 C) (Taylor et al 1273 C); New variant associated with MMR vaccine (Thrower 161 C); Screening, progress and priorities (Senior 490 N); Website (Larkin 2020)

Autoantibodies To IA-2 and infant growth linked before type 1 diabetes onset (Bruining et al 655 R) (Cianfarani et al 1521 C); Screening in subacute cerebellar ataxia (Trivedi et al 565 R)

Autoantigens Type 1 diabetes and oral tolerance induction with oral insulin (randomised trial) (Gale 526 Com) (Chaillous et al 545)

Autogen (biotechnology company) Granted exclusive rights to genetic make-up of Tonga inhabitants (Weber 1910 N)

Autohaemotherapy Hepatitis B outbreak linked (Webster et al 379) (Dade et al 1684 C)

Autoimmune disease Sex differences in prevalence and possible reasons (McCarthy 1088 N)

Autoimmune pancreatitis Corticosteroid-responsive diabetes mellitus association (Tanaka et al 910 R)

Autoimmune response To groups C and G streptococci and link to acute rheumatic fever (Haidan et al 1167 R)

Autonomic failure Pressor effects of oral water (Mathias 1046 Com) (Scott et al 2013 C)

Autonomic nervous system Functional recovery after spinal cord injury (conference) (Butcher 405 N)

Average duration of life gained (ADLG) Misleading notion and implications of trial results (viewpoint) (Lubsen et al 1757)

Axonal regeneration After injection of olfactory ensheathing cells into damaged region of corticospinal tract (Butcher 405 N)

Ayurvedic medicine Integrated with mainstream medicine in India (Sharma 1665 N)

Azathioprine Sirolimus vs for renal transplant rejection reduction (randomised study) (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C)

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Babington B G Accomplishments and role in epidemiology (Evans 1870 Com)

Bacille-Calmette-Guerin see BCG

Bacillus anthracis Heroin contamination (Ringertz et al 1574 R)

Back pain *Brucella* spondylitis presenting with (case report) (Ben-Ami et al 1076)

Bacteria Role of intestinal flora in gastrointestinal disease (Marteau s28)

Bacterial infections Phage therapy potential (Pirisi 1418 N)

Bacterial overgrowth Irritable bowel syndrome aetiology (2073 N)

Bactericidal/permeability-increasing protein Recombinant ($rBPI_{21}$), in meningococcal septicaemia treatment (van Deuren and Brandtzaeg 954 Com) (Levin et al 961)

Bacteriophage For treatment of bacterial infections (Pirisi 1418 N)

Balance Screening elderly for risk of falls using Tinetti balance scale (Raiche et al 1001 R)

Bangladesh Exclusive breastfeeding promoted by peer counsellors (randomised trial) (Coutsoudis 1620 Com) (Haider et al 1643); Government appeal to WHO for emergency aid for dengue fever (Ahmad 409 N); Role of education in use of contraception (Kamal Waiz s51)

Barrett's metaplasia (Jankowski et al 2079 S)

Bartonella henselae Inflammatory bowel disease association (Massei et al 1245 R)

Basal cell carcinoma Potential role of cyclopamine (plant compound) in therapy (Pirisi 834 N)

Basic fibroblast growth factor (bFGF) In nipple fluid and breast cancer diagnosis (Liu et al 567 R) (Gibbs 1684 C) (Nguyen 1684 C) (1690 correction)

Bastian H C Neurological texts and unorthodox biology (history) (Jellinek 2180)

B-cell acute lymphoblastic leukaemia Incidence in children in NW UK (McNally et al 485 R)

B-cell chronic lymphocytic leukaemia Spontaneous quadriceps tendon rupture (case report) (Benecke et al 1236)

B-cell lymphoma Diffuse large cell, transcriptomic approach to response to treatment (Horton 2 Com)

BCG Autoclaved *Leishmania major* vaccine vs for prevention of visceral leishmaniasis (randomised trial) (Khalil et al 1565); *M tuberculosis* infection prevention in travellers (Lifson 442 Com) (Cobelens et al 461) (Whitty et al 1609 C) (Lifson and Cohn 1610 C)

bcl-2 Upregulation by lithium (Moore et al 1241 R) (2104 correction)

Beds Risks from in nursing homes in Netherlands (Weber 1252 N)

Beef Offal use ban quietly lifted in UK (1535 E)

Beer Smell disliked by children of drinkers (Larkin 743 N)

Beethoven L van Death due to lead poisoning (Senior 1498 N)

Behaviour Health-seeking, sex differences in patients with cough (Thorson et al 1823 R); Healthy, new year's resolutions (Larkin 2164 N)

Behavioural problems Environmental health studies needed in Canada after increased incidence (Kondro 921 N)

Behçet's disease Interferon alfa-2b trial, scientific misconduct and retraction from record (Horton 1292 Com) (Demiroglu 1351 C) (Dündar and Özcebe 1351 C) (Eldem 1351 C) (Sayek 1351 C)

Belgium End-of-life decisions survey in Flanders (Deliens et al 1806); Mammography investment (1254 N)

BENESTENT trial OPUS-1 trial impact and (Schiele and Bassand 1524 C) (Weaver 1525 C)

Benign prostatic hyperplasia (BPH) Role of laser vs TURP (Fitzpatrick 357 Com)

Benzodiazepine-receptor partial agonist (BRPAs) Development difficulty and cessation in Japan (Okada and Okajima 1192 C)

Beta-agonists (B_2) Short-acting, in asthma (Lee and Dennis 940 C)

Beta-blockers Calcium antagonists comparison in hypertension (randomised trials) (MacMahon and Neal 352 Com) (Hansson et al 359); Calcium antagonists vs as first-line antihypertensive therapy (meta-analysis) (He and Whelton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); Low-dose, heart failure rate and survival in elderly after myocardial infarction (Rochon et al 639); Omission from INTERCEPT trial of diltiazem after thrombolysis in myocardial infarction (Drummond 1604 C) (Boden 1605 C); Racial inequalities in decision-making in myocardial infarction (Hargreaves 569 N); Underprescription reasons and benefits of dose increase after myocardial infarction (Morris 1988 N)

Beverages Health effects of stimulant (functional energy) soft drinks of concern in Ireland (Birchard 1911 N)

Bhopal incident Long-term environmental effects and compensation failures (1863 E)

Bias Investigator, industry and identity, minimisation (Horton 959 Com); Reporting of industry-sponsored research (Djulbegovic et al 635) (Halpern et al 2193 C) (Nuesch and Dieterle 2193 C) (Djulbegovic et al 2194 C)

Bile acids Role in Barrett's metaplasia development (Jankowski et al 2082 S)

Bill & Melinda Gates Foundation see Gates Foundation

Biodegradable devices Coronary stents successfully tested in Japan (Bradbury 404 N)
Bioengineering Viable stem cells in adults and stem-cell research progress (McCarthy 1500 N)
Bioethics Global strategy sought by Global Forum on Bioethics in Research (Loff 1502 N); Panel for genomics research in India (Sharma 491 N); *See also* Ethics
Bioinformatics Protein (Banks et al 1750 S)
Biological weapons Threat and CDC programme to control (review) (O'Toole and Inglesby 1128 Com) (Khan et al 1179) (Butler 2104 C)
Biology Bastian H C's contribution and theories (history) (Jellinek 2182)
Biomarkers *APC* gene change in oesophageal cancer (1743 N)
BioMedCentral Free access to research and implications for print publications (Horton 2 Com); Research published on Internet and role to narrow information gap (Godlee et al 1129 Com); *See also* PubMedCentral
Biomedical research Ethical guidelines published in India (Sharma 1502 N); Industry relationships and conflicts of interest (Wilmshurst 338 C) (Durrington and Chantler 339 C) (Kiln and Hirst 1359 C); Role of Wolfson Institute for Biomedical Research (Bradbury 1334 N); *See also* Medical research
Bioterrorism Threat and CDC programme to control (review) (O'Toole and Inglesby 1128 Com) (Khan et al 1179) (Butler 2104 C)
Bipolar disorders Puerperal psychosis susceptibility linked to serotonin transporter gene (Coyle et al 1490 R)
Birth Breech and planned caesarean sections *vs* vaginal births (randomised trial) (Lumley 1368 Com) (Hannah et al 1375); Expectations, choices and trends (Sjögren s12); Maternal mortality in Latin America and Caribbean (Schwarcz and Fescina s11); Mortality in developing countries (Ahmad 1085 N); Peripartum transmission of HCV (Gibb et al 904); Sex ratio in Japan (Mizuno 738 R); Size and arterial compliance in young adults (Styczynski et al 855 C); Social model to improve safety (Misago and Murphy-Lawless 78 C); *See also* Caesarean section
Birth rate Increase in Netherlands after society adjustment to working mothers (Weber 837 N); Teenage, decline in US (574 N)
Birthweight Maternal breast cancer relationship (Davey Smith et al 2066 R); Maternal iron stores effect (Trichopoulos 696 Com) (Hindmarsh et al 719); Of offspring and relationship to parental cardiovascular disease mortality (Davey Smith et al 2066 R); *See also* Low-birthweight infants
Bitter taste Molecular processes, receptors, signal transduction and dysgeusia treatment (Brand 1371 Com)
Bladder Dysfunctional in children and influence of potty training habits (Hellström 1787 Com)
Bladder stone Pollard's calculus case (Richardson 862 D)
Blindness Control in India (Dandona s25); Internet improvements and assistance for (Larkin 142 N); Personal account of difficulties, myths/facts, legal perceptions and distresses and positive aspects (Vance 1517); Usher's syndrome and coping with (Henderson s18)
Blobel G (Raju 436)
Blood Maternal, clonal culture of fetal cells (Tutschek et al 1736 R)
Blood banks Private company launched for processing/storage of cord blood stem cells (Spencer 1417 N)
Blood donors Legal action against Irish doctor over HCV transmission by (Birchard 410 N); Swiss Red Cross ban on blood from UK donors (Kapp 1746 N); vCJD patient's plasma used in polio vaccine preparation (Birchard 2167 N)
Blood dyscrasia Anticonvulsants causing (Kaufman and Shapiro 1340)
Blood groups MN, and asthma onset (Bottini et al 506 C)
Blood pressure Decrease in pregnancy in primary aldosteronism (case report) (Murakami et al 1980); Effects of oral water (Mathias 1046 Com) (Scott et al 2013 C); Greater control leading to greater reduction in cardiovascular disease risk (He and Whelton 1942 Com) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); Management in traumatic brain injury (Ghajar 924 S); Measurement in pre-eclampsia detection (Walker 1261 S); Pre-eclampsia (Walker 1260 S); Systolic and mortality (Kondo 682 C) (White 682 C) (Marshall 683 C) (Port 683 C); *See also* Hypertension
Blood products Concerns over vCJD after BSE transmission in sheep (Brown 955 Com) (Houston et al 999 R) (Sivakumaran 1771 C) (Holada et al 1772 C); Contaminated, export allegations investigated in Austria (Kumar 920 N); Contaminated with HIV in Libya and death penalty threat for doctors (Ahmad 1178 N); Shortage in US (1092 N)
Blood transfusions Blood shortage in US (1092 N); Concerns over vCJD after BSE transmission in sheep (Brown 955 Com) (Houston et al 999 R) (Sivakumaran 1771 C) (Holada et al 1772 C); Neonatal microtransfusions in 1960s associated with HCV infection (De Paschale et al 1572 R); Policy for Jehovah's Witnesses and court order for transfusion against wishes of child and parents (Sharp 8 Com) (Yate et al 69 C) (Sanderson 1114 C) (Gupta and O'Neill 1115 C) (Hewson 1115 C); vCJD transmission risk (Bonn 833 N)
Blood vessels "Designer" graft growth in vivo and conference (Allen 404 N)
Blood-brain barrier Permeability to nitric oxide (Dursun and Robertson 1274 C)
***BMPR2* gene** Mutations in primary pulmonary hypertension (Wilkins et al 1207 Com)
Bobrow M (520 L)
Body fat Sonographic assessment in HIV-1 infection (Martínez et al 1412 R)
Body image Male misperceptions and muscle dysmorphia as disease entity (Morgan 1372 Com); Website (Larkin 1203)
Body mass index (BMI) "Adiposity rebound" link to adulthood BMI as real or epiphenomenon (Dietz 2027 Com); Reliability in assessment of nutritional state of children (Warner 1703 Com)
Body temperature *see* Temperature
Bone Density in cosmonauts (Schneider and Reiners 1851 C) (Vico et al 1852 C); Effect of microgravity exposure (space flights) (Varma et al 681 C); Mineral density decrease in young female athletes (Larkin 1007 N); Mineral density and effect of inhaled corticosteroids (Donckier et al 425 C) (Lipworth 425 C) (Tait et al 425 C) (Rafi 426 C) (Tattersfield et al 426 C) (Purucker and Małozowski 427 C)
Bone marrow As source for neurons for grafting (Morris 743 N); Stroma cell culture for source of neurons (for grafting) (Morris 743 N)
Bone marrow cells New hepatocyte and cholangiocyte development in recipient liver (Rowe 48 N) (Baum 1029 C)
Bone marrow transplantation Chronic active EBV infection with lymphoproliferation (Okamura et al 223 R); Ethics of development of programmed stem-cell donors and (Burgio and Locatelli 1868 Com); Irish unit closed due to vancomycin-resistant enterococcus outbreak (Birchard 1012 N); Long-term effect for childhood-onset cerebral X-linked adrenoleukodystrophy (Shapiro et al 713) (Laan et al 1608 C); Syndrome X as late complication (Socié 957 Com) (Taskinen et al 993)
Bone morphogenetic protein receptor II (*PMPR2*) Gene identified as primary pulmonary hypertension gene (McCarthy 489 N)
Book Aid International Medical books for less-developed countries (Kennedy 1036 C)
Bosnia-Herzegovina General practice (van Weel 1586 N)
Bosnian refugees Assessment and police medical service of Berlin (Pross 1435)
Botswana HIV-disclosure law proposal and concerns (Ahmad 662 N)
Botulinum toxin type A Dysport for muscle spasms (1249 N)
Bovine somatotropin, recombinant Concerns over use expressed by scientists in Canada (Kondro 1091 N)
Bovine spongiform encephalopathy (BSE) Background to UK outbreak and role of MAFF and meat/bone meal use (Ashraf 1579 N); Crisis in France and government response (Weber 1746 N); Epidemic in sheep unlikely (Bonn 570 N); EU Commissioners proposal for Europe-wide testing (Birchard 1746 N); Phillips report (1535 E) (Ashraf 1579 N); Spain's surveillance system flaws (Bosch 1746 N); Spanish embargo on imported cattle and EU tensions (Bosch 1746 N); Swiss Red Cross ban on blood from UK donors (Kapp 1746 N); Transmission through blood transfusion in sheep (Brown 955 Com) (Houston et al 999 R) (Sivakumaran 1771 C) (Holada et al 1772 C); *See also* Creutzfeldt-Jakob disease (CJD)
Brachytherapy Restenosis reduced after femoropopliteal angioplasty by (Chande 1333 N)
Brain Bastian H C's contribution and writings (history) (Jellinek 2180); Deep stimulation effect on limb paresis after stroke (Phillips and Bhakta 222 R); Fetal striatal neuroblast transplantation success in Huntington's disease (Lindvall and Björklund 1945 Com) (Bachoud-Lévi et al 1975); Language areas mapped (Butcher 1005 N); Lithium-induced increase in grey matter (Moore et al 1241 R) (2104 correction); Nicotine-induced changes in reward areas (743 N); Regional reactivation during sleep after learning new task and memory link (Larkin 405 N); Regions involved in both sign language and speech (Larkin 1989 N); Regions for recognition of disgust (Butcher 1417 N); Robots driven by cortical signals from monkeys and prospects for paralysis management (Morris 1743 N); *See also entries beginning Cerebral*
Brain cells Apoptosis due to tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) (Nitsch et al 827 R) (de Vries et al 2014 C)
Brain death Falsification and murder charges for doctors in Thailand (Ahmad 921 N)
Brain injury Glasgow Outcome Scale (GOS) for assessment of outcome (Kaye and Andrewes 1540 Com); No risk with safe scuba diving procedures (Larkin 2073 N); Traumatic, epidemiology and hospital/prehospital guidelines (Ghajar 923 S); *See also* Head injury
Brain tumours Early response to therapy assessed by diffusion MRI (Bradbury 2162 N); Risk not increased by mobile phone use (Chande 2163 N); Temolozomide effects (Osoba 342 C)
Brainstem cells Embryonic, implants to enable paraplegic rats to walk (Weber 227 N)
Brazil Avoidable infant and perinatal deaths (Merçon de Vargas s13); Child health inequality trends explanation (Victora et al 1093); *Escherichia coli* infections and malnutrition (Fagundes Neto and Affonso Scaletsky s27); Infectious disease outbreak (unknown origin) investigated (Frederick 1831 N); Sickle-cell disease screening (Serjeant 168 C)
***BRCA1/BRCA2* genes** Breast cancer and parity effect (Narod 679 C); Risk of contralateral breast cancer reduced by tamoxifen (case-control) (Narod et al 1876)
Breast Fine-needle aspiration cytology, discomfort minimised by small needle and on-site cytopathologist (Ngadiman et al 1701 Com)
Breast cancer Age-dependency of response to chemotherapy (Ménard et al 113 C) (Guinee and Moller 1113 C); Birthweight of offspring relationship (Davey Smith et al 2066 R); Chemotherapy acceptance affected by depression (Colleoni et al 1326 R); Contralateral in *BRCA1/BRCA2* mutation carriers, risk reduced by tamoxifen (case-control) (Narod et al 1876); Diagnosis by nipple fluid bFGF (Liu et al 567 R) (Gibbs 1684 C) (Nguyen 1684 C) (1690 correction); Early response to therapy assessed by diffusion MRI (Bradbury 2162 N); Early stage and decline in appropriateness of primary therapy with increase in breast-conserving surgery (Sainsbury 1124 Com) (Nattinger et al 1148); Ep-CAM overexpression as predictor of survival (Gastl et al 1981 R); High profile of and reasons for (1205 E); High-dose chemotherapy (Bearman 595 C) (Bergh 595 C); High-risk, tailored FEC with G-CSF support *vs* marrow-supported high-dose chemotherapy (randomised trial) (Bergh et al 1384) (2196 correction); Imaging of nipple discharge (Sickles 1622 Com); Incidence/survival and mortality trends (UK) (Coleman 590 C) (Benson and Purushotham 591 C) (Goodare 591 C) (Pujol 591 C) (Kaplan and Wingard 592 C) (Peto 593 C) (774 correction); Levonorgestrel-releasing intrauterine system to prevent tamoxifen-associated endometrial lesions (randomised trial) (Neven 1698 Com) (Gardner et al 1711); Parity and *BRCA1/BRCA2* carriers (Narod 679 C); Raloxifene therapy (Gelmon 868 Com); Recurrence risk with omission of radiotherapy (Sainsbury 1124 Com); Risk increased by dieldrin exposure (Høyer et al 1852 C); Screening of 50-59 year old groups challenged by Canadian study (1087 N); Screening and insurance consequences (Thornton 1033 C); Screening *see* Mammography; Sentinel node biopsy (Jones et al 682 C) (Nieweg et al 1770 C); Survival advantage with radiotherapy (EBCTCG) (Atkins 1269 C) (Overgaard and Bartelink 1269 C) (Bydder et al 1270 C) (Ragaz et al 1270 C) (EBCTCG Secretariat 1271 C); Tamoxifen and concerns over increased risk of endometrial cancer (Gelmon 868 Com) (Bergman et al 881); Tamoxifen efficacy and tamoxifen metabolite (Benson and Purushotham 591 C) (Pujol 591 C); Tamoxifen and routine screening unnecessary (Senior 1415 N); Taxane adjuvant therapy (Goldhirsch et al 507 C) (Crown and O'Leary 508 C); Venlafaxine management of hot flushes (randomised trial) (Barlow 2025 Com) (Loprinzi et al 2059); In young women and chemotherapy adequacy? (Ménard et al 113 C) (Guinee and Moller 1113 C)
Breast lump *Wuchereria bancrofti* infection causing (case report) (Stebbing et al 396) (600 correction)
Breast milk Antibacterial properties of xanthine oxidase (Stevens et al 829 R); Oral HIV-1 transmission risk (Cohen et al 272 Com)
Breast-conserving surgery Increase in use and inappropriateness of primary care (Sainsbury 1124 Com) (Nattinger et al 1148)
Breastfeeding Exclusive breastfeeding promoted by peer counsellors and HIV epidemic effect (randomised trial) (Coutsoudis 1620 Com) (Haider et al 1643); By surrogate mothers/grandmothers of infants from HIV-positive mothers (1148)
Breathing Slow rate (yoga breathing), and chemoreflex sensitivity to hypoxia/hypercapnia reduced (Spicuzza et al 1495 R) (1612 correction)
Breech births Planned caesareans *vs* vaginal delivery (randomised trial) (Lumley 1368 Com) (Hannah et al 1375)
Bridge Card shuffling and (Sharp 1374 Com)

Bristol Royal Infirmary Inquiry Website award (Larkin 83)
British Association for Parenteral and Enteral Nutrition Guidelines for paediatric parenteral nutrition (654 N)
British Heart Foundation Obesity increase and heart disease concerns (867 E)
British Medical Association (BMA) Annual meeting and bad year for doctors (54 N); Criticism of GP targets despite positive response from GPs (Dean 1909 N); Improved access of "morning after pill" (Ashraf and McCarthy 2071 N); Millennium Festival of Medicine (Hargreaves 1741 N); Response to *NHS Plan* (1453 E); Support and comments on new NHS plan and staff increases (Morris 487 N); Vote of no confidence in GMC (Ashraf 145 N)
British Medical Journal (BMJ) Accuracy of references in articles (Siebers and Holt 1445 C); On Internet and role to narrow information gap (Godlee et al 1129 Com)
Broca's area Tasks and role in stuttering (Sandak and Fiez 445 Com)
Brodmann's area 22 Brain language area mapped (Butcher 1005 N)
Bronchial asthma see Asthma
Bronchoscopy For ventilator-associated pneumonia (Pittet and Bonten 874 Com) (Akça 2011 C)
Brooke J H (1042 L)
Brown-Séquard C-E (Tattersall and Turner 61)
Brown-Séquard syndrome (Jeffcoate 8 Com) (Tattersall and Turner 61) (344 correction); Case presentation and features (Tattersall and Turner 61) (344 correction)
Brucella melitensis Spondylitis presenting with low back pain (case report) (Ben-Ami et al 1076)
Brucellosis Osteoarticular, presenting with low back pain (case report) (Ben-Ami et al 1076)
Buildings Old, arsenic release (Gordon 170 C)
Bulbar palsy In thoracic aortic dissection involving carotid artery (case report) (Gleeson et al 826) (1036 correction)
Bullying In workplace and among health-care workers (Cusack 2118 Com)
Burgess M (606 L)
Burma Health workers at risk (Amnesty International report) (Welsh 503)
Butyrate Topical, for acute radiation proctitis (randomised trial) (Vernia et al 1232)

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C1 inhibitor Normal activity in hereditary angioedema in women (Bork et al 213) (Bork et al 1440 C) (Kränke et al 1440 C)
CA-125 Ovarian cancer screening (1826 N)
Cachexia Mechanism, TNF role in activation of NF-kB and suppression of MyoD for muscle function/repair (Pirisi 1249 N); Possible therapeutic role of ghrelin (Pound 1417 N)
Caesarean section For breech births *vs* vaginal delivery (randomised trial) (Lumley 1368 Com) (Hannah et al 1375); Rate increase and reasons/response (1697 E); Right to choice, risks/benefits (viewpoint) (Wagner 1677)
Calcium Supplements and benefits on recurrence of colorectal adenoma (randomised trial) (Levin 1286 Com) (Bonithon-Kopp et al 1300)
Calcium antagonists In cardiovascular disease (Angus et al 1287 Com); Comparisons with other first-line antihypertensive therapy (meta-analysis) (He and Whelton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); Diuretics and ß-blocker comparisons in hypertension (randomised trials) (MacMahon and Neal 352 Com) (Hansson et al 359) (Brown et al 366) (514 correction) (Achard et al 1926 C) (Bertram 1926 C) (García-López and de Alvaro 1926 C) (Avanzini and Tognoni 1927 C) (Fournier et al 1927 C) (Palmer et al 1928 C) (Hansson et al 1929 C) (Kjeldsen et al 19239 C); N-type in cardiovascular disease therapy (Angus et al 1287 Com); Scare over and media response (Kaplan 1933 C)
Calcium channels Blockers *see* Calcium antagonists; Types and effect of antagonists in cardiovascular disease therapy (Angus et al 1287 Com);
Voltage-gatedautoantibody screening in subacute cerebellar ataxia (Trivedi et al 565 R); targetting in cardiovascular therapy (Angus et al 1287 Com)
Calcium-binding protein *Histoplasma capsulatum* virulence factor (Butcher 1741 N)
Calpain-10 As susceptibility gene for type-2 diabetes (Senior 1172 N)
Calprotectin As faecal marker of organic gastrointestinal abnormality (Fagerhol 1783 Com)
Cambodia Landmine injuries and retraining for disabled people (personal story) (Channareth and Coghlan s17); Specialists qualified and medical education improvements (Weber 144 N)
Canada Background to licence loss by surgeon now struck off in UK (Ramsay 403 N); Breast cancer screening of 50-59 year old groups challenged (1087 N); Child deaths in hospital "possibly preventable" (Court ruling) (Kondro 1993 N); Drug abuse among welfare recipients and "urinary witch-hunt" in Ontario (Kondro 1829 N); Easier access to medical records for bureaucrats under new Act and smart cards could be developed (Kondro 2168 N); Environmental health studies needed after increase in childhood cancer and behavioural problems (Kondro 921 N); Family-practice networks called for by physicians (Kondro 1583 N); Government advised by court to relax marijuana laws for patients (Kondro 575 N) (Cohen 1359 C); Health care boost before elections (Kondro 1504 N); Health Care Protection Act in Alberta allowing private companies to supply hospital services and NAFTA (Shortt 1291 Com); Health care reforms agreed and federal funding (Kondro 1011 N); Low organ donation rate and suggestions for improving (Kondro 51 N); Medical migration and effect on health care (Bundred and Levitt 245) (Dandona 1196 C) (Loefler 1196 C) (Lucas 1197 C) (Munoz 1197 C) (Heard 1198 C); New health research initiatives funded by institutes (Kondro 2078 N); Palliative care (Fainsinger s24); "Right to grow" marijuana (Kondro 2168 N); Scientists vindicated after expressing concerns on television over recombinant bovine somatotropin (Kondro 1091 N); Software to calculate costs of pollution to health (Kondro 144 N); Technology investment demanded by doctors (Kondro 747 N); Tobacco warning labels increased (Senior 139 N)
Canadian Institute of Child Health (CICH) Environmental health studies needed in Canada after increased cancer incidence (Kondro 921 N)
Canadian National Breast Screening Study-2 (1087 N)
Cancer Cachexia mechanism linked to TNF role in activation of NF-kB and suppression of MyoD for muscle function/repair (Pirisi 1249 N); *Cftr* (new checkpoint in prophase of mitosis) defects (Butcher 404 N); Childhood, environmental health studies needed in Canada after increased incidence (Kondro 921 N); Drug resistance and role of suramin (226 N); Early response to therapy assessed by diffusion MRI (Bradbury 2162 N); Endostatin overexpression and immune response to (Ratel et al 1656 R); Epidemiological evidence of health risks of mobile phones (Dendy 1782 Com) (Rothman1837 S); Evolutionary adaptation of inflammatory immune responses in human beings (Le Souëf et al 242) (O'Byrne and Dalgleish 1033 C) (Greaves 1034 C); Mitochondrial DNA mutations of relevance (Hochhauser 181 Com); Potential role of cyclopamine (plant compound) in therapy (Pirisi 834 N); Proteomic applications (Banks et al 1754 S); Radiotherapy improved by gene therapy techniques (1087 N); Reduced incidence with natural cytotoxic activity of lymphocytes (Imai et al 1795); Research and "blue-skying" meeting with non-experts (McNamee 1948 Com); Selenium deficiency effect (Rayman 237); Survival data in Europe (Cookson 1611 C); Therapy and new fertility treatment for women (Butcher 1497 N); Therapy see Chemotherapy; Radiotherapy; Tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) and cell death (Nitsch et al 827 R) (de Vries et al 2014 C); *See also* Tumours; *specific tumours*
Cancer Research Campaign *CancerHelp UK* website (Larkin 1939)
Candida albicans ScFvH6 effect (Bradbury 1332 N)
Candidosis Mucosal, potential treatment after prevention of pharyngeal colonisation (Bradbury 1332 N)
Cannabis *see* Marijuana
Capsaicin Nociception mechanisms and novel drugs (Baron 785 Com)
Captopril Losartan *vs* in heart failure (ELITE II) (Gansevoort and van Veldhuisen 851 C) (Hall 851 C) (Meyer 851 C) (Lye 852 C) (Pitt and Poole-Wilson 852 C)
Carbaril For head lice (Davies 855 C) (Roffe 855 C)
Carbon dioxide Response of internal carotid artery in polycystic ovary syndrome (Lakhani et al 1166 R); Retention in COPD and oxygen-induced hypercapnia mechanism (Calverley 1538 Com)
Carcinogens In Israel's water supply (Fishman 319 N)
Carcinoid tumours Long-term omeprazole association (Armstrong 610 Com) (Dawson and Manson 1770 C)
Cardiac afferent neurons Depolarisation in angina due to ion channel change and use as potential drug target (2162 N)
Cardiac arrhythmias Gene therapy (Butcher 1987 N); Risk assessment by T-wave alternans in congestive heart failure (Klingenheben et al 651 R); Risk factors after repair of tetralogy of Fallot (Gatzoulis et al 975)
Cardiac death Diagnosis and non-heart-beating donors (Vanrenterghem 528 Com) (Metcalfe and Nicholson 1853 C) (Gerstenkorn et al 1854 C) (Vanrenterghem 1854 C)
Cardiac disease Early detection in type-1 diabetes by electron beam computed tomography (Ashraf 741 N); Exercise prescription (Speed and Shapiro 1208 Com); In inborn errors of metabolism (review) (Leonard and Morris 584); *See also* Cardiovascular disease
Cardiac failure *see* Congestive heart failure; Heart failure
Cardiac ischaemia, acute Early diagnosis (MacReady 572 N); *See also* Myocardial ischaemia
Cardiac screening Of children with HIV-1 infection for left ventricular abnormalities (Morris 1172 N)
Cardiac surgery Congenital, pulmonary hypertension prevention after by inhaled nitric oxide (randomised trial) (Miller et al 1464); Tri-iodothyronine treatment in children after (randomised trial) (Bettendorf et al 529); Waiting times reduced in Spain (Bosch 1338 N)
Cardiac transplantation see Heart transplantation
Cardiogenic shock Complicating acute coronary syndromes (review) (Hasdai et al 749) (Hauptman 1687 C) (Piovan et al 1687 C)
Cardiology European (history) (Verheugt et al 671); EUROSPIRE II study and increase in obesity and risk factors (867 E); Nurse-led preventive services (867 E)
Cardiomyocytes Muscle "patch" development and role of scaffolding (McCarthy 1500 N)
Cardiomyopathy Dilated, selenium deficiency and (Yusuf 943 C)
Cardioprotection Reperfusion injury prevention by sodium/hydrogen exchanger inhibitors (Yellon and Baxter 522 Com)
Cardiopulmonary bypass Pioneer's (Favaloro) death (Iglesias-Rogers 492 N); Tri-iodothyronine treatment in children after cardiac surgery (randomised trial) (Bettendorf et al 529)
Cardiopulmonary resuscitation New guidelines for lay people (McCarthy 741 N)
Cardiotoxicity From cancer therapy and prediction from troponins (Sparano et al 1947 Com)
Cardiovascular disease Abnormal ECG in athletes not necessarily significant (Hargreaves 317 N); Adrenal corticosteroids role (Stewart 697 Com); Adult risk factors in premature infants (Hennessy and Alberman 938 C) (Kiortsis et al 938 C) (Whincup and Cook 938 C) (Szathmári et al 939 C) (Walker et al 939 C); In diabetes and blood proteins as risk factors (McCarthy 317 N); Effect of calcium antagonists *vs* diuretics and ß-blockers on morbidity/mortality (randomised trials) see Calcium antagonists; Diuretics; Empowerment of individuals to prevent (Holt et al 314 R) (Missouris and MacGregor 1196 C) (Feder et al 1278 C); Ethnic disparities in risk in Canada (Levy and Kannel 266 Com) (Anand et al 279) (Bell 1109 C) (Segall 1853 C); Exercise prescription (Speed and Shapiro 1208 Com); Global mortality estimates (Chockalingam s9); Impending global pandemic and primary/secondary prevention (Chockalingam s9); Mortality relationship to birthweight of offspring (Davey Smith et al 2066 R); Mortality and sex differences (Roger s10); Oral contraceptives associated (Kaufman and Shapiro 1341); Outcome in diabetes and effect of ramipril (HOPE and MICROHOPE study) (860 correction); Premature, in chronic renal failure (review) (Baigent et al 147) (Wardle 854 C); Prevalence in women and outcome (Roger s10); Preventive services and disappointing results in Europe (867 E); Proteomic applications (Banks et al 1754 S); Risk factors and intrauterine growth retardation (514 correction); Secondary prevention in endstage renal disease by antioxidants (SPACE randomised trial) (Boaz et al 1213); Selenium deficiency effects (Rayman 236); Therapy targetting voltage-gated calcium channels (Angus et al 1287 Com); *See also* Coronary heart disease (CHD)
Cardiovascular drugs Need to monitor water intake owing to pressor effects (Mathias 1046 Com) (Scott et al 2013 C); Prescribing in pregnancy and concerns (Haramburu et al 1704 Com) (Lacroix et al 1735 R)
Cardiovascular events see Coronary events
Cards Shuffling and random sequences (Sharp 1374 Com)
Carers Effect of family support on stroke patients and (randomised trial) (Mant et al 808) (Mant et al 2196 C) (Weatherall 2196 C)
Caribbean region HIV-1 infection (600 correction); Maternal mortality (Schwarcz and Fescina s11)
Cariporide (sodium/hydrogen exchanger inhibitor) Protection of reperfused myocardium (Yellon and Baxter 522 Com)
Carl Bertelsmann Prize Good practice award for GPs in Netherlands (Weber 1010 N)
Carlsson A Nobel Prize for Physiology or Medicine awarded (Butcher 1331 N)
Carnitine palmitoyltransferase-I Inhibitor (etomoxir) as new approach for chronic heart failure treatment (Bristow 1621 Com)
Carotid artery Response to carbon dioxide in polycystic ovary syndrome (Lakhani et al 1166 R); Thoracic aortic dissection involving and causing neurological symptoms and similarity to jugular foramen lesion (case report) (Gleeson et al 826) (1036 correction)
Case report series Arthropathy and rash after meningococcal C conjugate vaccine (Suresh et al 1486); Blood pressure decrease in pregnancy in

primary aldosteronism (Murakami et al 1980); Brucella spondylitis presenting with low back pain (Ben-Ami et al 1076); Cerebral venous sinus thrombosis manifesting with subarachnoid haemorrhage and seizures and treated by anticoagulants (Ciccone et al 1818); Chronic inflammatory polymyositis presenting with gastric dilatation and muscle weakness (Rigby et al 1898); Congenital diaphragmatic hernia and symptom onset in child after air travel (Schneider et al 480); Conn's syndrome due to adrenocortical carcinoma and malignancy of "adrenal incidentaloma" less than 3cm in size (Rossi et al 1570); Coronary artery disease in Gaucher's disease type III (D409H mutation) (Ward et al 2154); Crusted scabies resembling psoriasis (Gach and Heagerty 650); Digitalis poisoning (suicidal) mimicking acute coronary syndrome and total A-V block (Brunner et al 1406); Episodic hypothermia with hyperhidrosis due to frontal focal epileptiform disorder (Lowenthal et al 2064); *Fasciola hepatica* from watercress presenting with night sweats and weight loss and role of Medline search (LaPook et al 218); Henoch-Schönlein purpura presenting with abdominal pain/melaena and duodenal inflammation (Godkin et al 562) (Taylor et al 2192 C); Isolated ACTH deficiency and relationship of contrast use and thyrotoxicosis (Beckers et al 908); Limb shaking due to transient ischaemic attacks from innominate artery occlusion in syphilitic aortitis (Brotman and Fotuhi 1734); Limbic encephalitis (paraneoplastic) in non-Hodgkin's lymphoma presenting with tinnitus (Javaheri et al 308); Myocardial ischaemia presenting with headache (Lanza et al 998); Nutritional rickets causing bulging anterior fontanelle in infant (Biswas et al 132); Ovarian tumour (cystadenoma) mistaken for obesity (Reschke et al 734); Pyoderma gangrenosum after surgery simulating surgical wound infection (Ogon et al 1652); Spontaneous mediastinal haemorrhage presenting with chest pain, syncope and mediastinal widening (Armstrong et al 1322); Spontaneous quadriceps tendon rupture in lymphocytic non-Hodgkin lymphoma and chronic lymphocytic leukaemia (Benecke et al 1236); Thoracic aortic dissection with carotid artery involvement causing neurological symptoms and similarity to jugular foramen lesion (Gleeson et al 826) (1036 correction); Traumatic atherosclerotic plaque rupture causing cerebral infarction in karate expert (Meairs et al 40); Wound botulism in heroin user presenting with lower cranial nerve palsy (Jensenius et al 1160) (Athwal et al 2011 C); *Wuchereria bancrofti* causing breast lump (Stebbing et al 396) (600 correction)

Case reports International database proposed (LaPook 169 C)

Case-control study Pregnancy effect on chronic hepatitis C (Fontaine et al 1328 R); Risk of contralateral breast cancer in *BRCA1/BRCA2* gene carriers reduced by tamoxifen (Narod et al 1876); Venous thromboembolism risk with antipsychotic drugs (Tapson 1206 Com) (Zornberg and Jick 1219)

Catalase deficiency Hereditary and increased risk of diabetes (Góth and Eaton 1820 R)

Catecholamines Hypoglycaemic counter-regulation in type 2 diabetes and mechanisms (Gerich 1946 Com) (Spyer et al 1970)

Catheters Silver-alloy urinary, to reduce urinary tract infections and costs (McCarthy 1171 N)

Cats Allergen exposure not linked to childhood asthma (Grad 1369 Com) (Lau et al 1392)

Causality Need for shift in thinking after human genome sequencing (Wildner 1360 C)

CCR5 antagonists Application in HIV-1 infection (Morris 1827 N)

CCR5 gene Delta 32 deletion and asthma/atopy association (Mitchell et al 1491 R)

CD4 cells see T-cells

CD18 Antibody therapy in myocardial infarction (867 E)

Celera Corporation Gene number and proteomics project (McNamee 1748 N)

Celera Genomics Announcement of completed "working draft" (Butcher 47 N)

Cell culture Clonal culture of fetal cells from maternal blood (Tutschek et al 1736 R)

Cell cycle New checkpoint in mitosis and *chfr* gene (Butcher 404 N)

Cell differentiation Pituitary gland and role of transcription factor Pit-1 (Senior 1661 N)

Cell lines Continuous, for rDNA vaccine development (Petricciani 1438 C)

Cell replacement therapy In Huntington's disease, progress after neural transplantation (Lindvall and Björklund 1945 Com) (Bachoud-Lévi et al 1975)

Cell-mediated immunity To HVP-16 oncoprotein E7 and cervical intraepithelial neoplasia regression (Höpfl et al 1985 R); *See also* T-cells

Cell-nuclear replacement HFEA response if proposed (693 E)

Centers for Disease Control and Prevention (CDC) Programme and preparation for biological terrorism (review) (O'Toole and Inglesby 1128 Com) (Khan et al 1179) (Butler 2104 C); Vaccine approval process and conflicts of interest (McCarthy 838 N)

Central nervous system Metastases and detection of rare malignant cells in CSF by immunocytochemistry (Kranz 1242 R); Primary lymphoma, AIDS-related and value of EBV-targeted therapy (Slobod et al 1493 R); Role in visceral hyperalgesia (Cervero 1127 Com) (Sarkar et al 1154); *See also entries beginning brain*

Central nervous system diseases Progress on transplantation-based therapy (Butcher 405 N)

Central pattern generator In spinal cord and brainstem cell implants to enable paraplegic rats to walk (Weber 227 N)

Cerebellar ataxia Subacute, autoantibody screening (Trivedi et al 565 R)

Cerebral cortex Motor functions, Bastian H C's contribution and writings (history) (Jellinek 2181); Reduced development in extremely premature infants (Ajayi-Obe et al 1162 R)

Cerebral grey matter lesions Cognitive decline in elderly and (Steffens et al 1686 C)

Cerebral infarction Traumatic atherosclerotic plaque rupture causing in karate expert (case report) (Meairs et al 40)

Cerebral malaria Categories and severe malaria with impaired cerebral function (Enwere 860 C) (Pearson 1768 C); In children and phenobarbital effect on seizures (Crawley et al 256 C) (Verhoef et al 256 C)

Cerebral palsy No-fault awards for infants in Ireland (Birchard 664 N)

Cerebral perfusion Retrograde to retinal vessels during circulatory arrest (Ono et al 1323 R)

Cerebral perfusion pressure Management in traumatic brain injury (Ghajar 926 S)

Cerebral venous sinus thrombosis Manifesting with subarachnoid haemorrhage, headache and seizures and treated by anticoagulants (case report) (Ciccone et al 1818)

Cerebral white matter lesions Cognitive decline in elderly and (van Gijn 612 Com) (Garde et al 628) (Steffens et al 1686 C)

Cerebral X-linked adrenoleukodystrophy Long-term effect of bone marrow transplantation (Shapiro et al 713) (Laan et al 1608 C)

Cerebrospinal fluid Detection of rare malignant cells and apoptotic fragments by immunocytochemistry (Kranz 1242 R)

Cerebrovascular disease Ischaemic, atherogenic lipid profile in elderly (Cuchel et al 401 R); *See also* Stroke; Transient ischaemic attacks

Cervical intraepithelial neoplasia (CIN) Regression after challenge with HPV-16 oncoprotein E7 and cellular immunity development (Höpfl et al 1985 R)

CFC inhalers To be phased out by 2005 and measures to help transition (Woodcock 2166 N)

***cftr* gene** New checkpoint in mitosis (Butcher 404 N)

Charities Book Aid International (743 N); Save the Children Fund, work in Ethiopia (Gostelow s19); Sense, help for deaf/blind people (Henderson s18)

CHAT screen (CHecklist for Autism in Toddlers) Autism screening (Senior 490 N)

Chemokines RANTES polymorphisms influence on HIV-1 susceptibility and progression (Morris 1827 N)

Chemoreflex sensitivity To hypoxia/hypercapnia, impairment in Parkinson's disease (Onodera et al 739 R) (Onodera et al 2099 C) (Röggla et al 2099 C) (Kanda et al 2100 C); To hypoxia/hypercapnia reduced by yoga (Spicuzza et al 1495 R) (1612 correction)

Chemotherapy Acceptance in breast cancer affected by depression (Colleoni et al 1326 R); Adverse effect of anticonvulsants on efficacy in acute lymphoblastic leukaemia (Relling et al 285); Benefits in head and neck cancer (Brockstein 767 C) (Pignon et al 767 C); For breast cancer in young women (Ménard et al 113 C) (Guinee and Moller 1113 C); Cardiotoxicity prediction by troponins (Sparano et al 1947 Com); Colorectal cancer response to first-line therapy and survival relationship (Kelsen 353 Com) (Buyse et al 373) (Croockewit et al 1771 C) (Meta-Analysis Group in Cancer 1771 C); Early response assessed by diffusion MRI (Bradbury 2162 N); Erectile dysfunction induced by (van Basten et al 169 C); High-dose *see* High-dose chemotherapy; Interferon with, for primary treatment of ovarian cancer (Berek 6 Com); Resistance and role of suramin (226 N); Tailored FEC (fluorouracil/epirubicin/cyclophosphamide) with G-CSF support vs marrow-supported high-dose chemotherapy in high-risk breast cancer (randomised trial) (Bergh et al 1384) (2196 correction); Tumour site and sex differences in survival from colorectal cancer (Rosell and Abad 857 C) (Scott and Spigelman 857 C) (Buyse et al 858 C) (Iacopetta and Elsaleh 858 C); *See also individual drugs/tumours*

Chernobyl Radiophobia caused by, tuberculosis screening decrease and incidence increase (Takamura et al 257 C); Worsening effects (Holm 344 C)

Chess players Drug policy (232 N)

Chest pain Assessment in rapid-access clinics and use of exercise testing (Reeder 2116 Com); Non-cardiac, central sensitisation role (Cervero 1127 Com) (Sarkar et al 1154); In spontaneous mediastinal haemorrhage (case report) (Armstrong et al 1322); In thoracic aortic dissection involving carotid artery (case report) (Gleeson et al 826) (1036 correction); *See also* Angina pectoris

Chickenpox Unilateral vs "strimmer's rash" (The Way it is) (1116 D)

Chief Medical Officer (CMO) Need for independence from DoH (1535 E); Phillips report on BSE and vCJD (1535 E) (Ashraf 1579 N)

Child Congenital diaphragmatic hernia presenting with breathlessness after air travel (case report) (Schneider et al 480)

Child abuse Deaths (global) (Johnson s14); Hormonal response to stress in women after (488 N); Incidence of shaken impact syndrome (Barlow and Minns 1571 R); Physical, intergenerational continuity (Ertem et al 814); Skull fracture and accident differentiation (Blumenthal 258 C)

Child health Disappointments of new NHS plan (441 E) (Akinosi and Ramaiah 1354 C) (Schinaia 2103 C); New initiatives like ChildLine and journal narrow-mindedness (Zuckerman et al 1626 Com); Trends in inequalities and explanation based on evidence from Brazil (Victora et al 1093)

Childbirth see Birth

ChildLine Report on 12 years of service (Zuckerman et al 1626 Com)

Children Acute lymphoblastic leukaemia incidence in NW UK (McNally et al 485 R); "Adiposity rebound" link to adulthood BMI as real or epiphenomenon (Dietz 2027 Com); Asthma, role of acute/chronic stress (Sandberg et al 982) (Poteliakhoff 1932 C); Asthma risk not due to early exposure to mite and cat allergens (Grad 1369 Com) (Lau et al 1392); Beer smell disliked and learned aversive response to alcohol (Larkin 743 N); Bone marrow transplantation and syndrome X as late complication (Socié 957 Com) (Taskinen et al 993); Cancer and behavioural problems, environmental health studies needed in Canada after increased incidence (Kondro 921 N); Cardiac screening in HIV-1 infection for left ventricular abnormalities (Morris 1172 N); Cerebral malaria and phenobarbital for (Crawley et al 256 C) (Verhoef et al 256 C); Cerebral X-linked adrenoleukodystrophy and long-term effect of bone marrow transplantation (Shapiro et al 713) (Laan et al 1608 C); Ciclosporin requirements in transplant patients and IL-2 receptor-induced changes in (Strehlau et al 1327 R); Deaths from neglect and abuse (Johnson s14); Deaths in hospital "possibly preventable" in Canada (Court ruling) (Kondro 1993 N); Diabetes trends in Europe (1690 correction); Diagnostic delay of appendicitis and diarrhoea relationship (Murch 787 Com); Dysfunctional bladder and influence of potty training habits (Hellström 1787 Com); Epilepsy syndrome-specific anti-epileptic therapy (1619 E) (Trevathan 1623 Com) (Chiron et al 1638); Euthanasia rights withdrawn in Netherlands (Weber 322 N); False positives in screening neonates for hearing impairment (Kennedy et al 1903 R); GFR estimation using cystatin C (Deinum and Derkx 1624 Com); Help for in Iraq and sanction-breaking (Gathergood and Roistone 78 C); HIV-1 infection after blood contamination and death penalty threat for doctors in Libya (Ahmad 1178 N); HIV-1 infection prevalence and antiretroviral therapy (Gibb and Giaquinto s34); HIV/AIDS prevalence and implications in Zimbabwe (Decosas s33); In Iraq (Needham et al 514 C); Low intelligence linked to late-onset dementia (Bonn 1907 N); Meningococcal sepsis and recombinant bactericidal/permeability-increasing protein ($rBPI_{21}$) treatment (randomised trial) (van Deuren and Brandtzaeg 954 Com) (Levin et al 961); Mortality, explanation for inequities in Brazil (Victora et al 1095); Mortality in Iraq (Eastman-Abaya 685 C) (Wakai 685 C); Mortality rates in Palestinian refugees (Madi 312 R); Normal daily growth hormone secretion despite sleep disorders (Brandenberger et al 1408 R) (Lieb et al 2096 C); Number of smokers in developing countries (664 N); Nutritional state assessment and reliability of weight/height indices (Warner 1703 Com); Obesity increase and heart disease concerns (867 E); "Off-label" use of drugs and need for trials and postmarketing surveillance (1619 E) (Trevathan 1623 Com); Parasite infestations causing increase in Th2 cells and IL-10 with atopy reduction (Holt 1699 Com) (van den Biggelaar et al 1723); Pituitary-thyroid feedback hypersensitivity causing hypothyroidism (Frankton et al 1238 R); Poor health in India (Kumar 1830 N); Prostitution and AIDS spread in Morocco (Kandela 1991 N); Reduced growth hormone production after GHRH administration as marker of depression (Senior 1087 N); Rights to palliative care in US (Larkin 659 N); Self-extending leg implant (Hargreaves 226 N); Sex ratio in Austrian chloracne cohort (Moshammer and Neuberger 271 C); Shaken impact syndrome incidence (Barlow and Minns 1571 R); Smacking, long-term sequelae and European ban

(1 E); Solid tumour treatment with tumour-lysate-pulsed dendritic cells (Geiger et al 1163 R); Speech perception with cochlear implants (O'Donoghue et al 466); Torture (Welsh 2093); Tri-iodothyronine treatment after cardiac surgery (randomised trial) (Bettendorf et al 529); Vaccination trials and dubious ethics (Birchard 1747 N); Variant CJD prevalence (national surveillance study) (Verity et al 1224)
Chile Trial progress for General Pinochet (574 N)
Chimeric cells Maternal origin in juvenile idiopathic inflammatory myopathies (Artlett et al 2155 R)
Chimerism In juvenile dermatomyositis (Reed et al 2156 R)
China Criminalisation of HIV transmission (Ahmad 1666 N); Economic development and changes (1285 E); Health care changes and lessons/concerns (1285 E); HIV and AIDS spread (Abdullah 1856 C); Increased use of lethal-injection executions planned (Ahmad 1012 N); International concerns over psychiatric abuses (Ahmad 920 N); Lung cancer risk reduction by isothiocyanates and glutathione S-transferases (GTSTM1/GSTT1) polymorphisms (London et al 724) (2104 correction); Origin of polio virus debated (Sharma 321 N); Tobacco trends and need for smoking cessation services (Abdullah 432 C)
Chinese herbal medicine Death and legal implications over standard of care for alternative medicine (Brahams 1422 N)
Chlamydia pneumoniae IgG seropositivity and risk of deep vein thrombosis (Maraha et al 1606 C) (Koster et al 1607 C)
Chlamydial infection Intrauterine devices associated (review) (Grimes 1014)
Chloracne Sex ratio in Austrian cohort (Moshammer and Neuberger 271 C)
Chloroquine Gene associated with *Plasmodium falciparum* resistance (McCarthy 1582 N)
Chloroquine-proguanil Atovaquone-proguanil (Malarone) *vs* in malaria prophylaxis (randomised trial) (Nosten 1864 Com) (Høgh et al 1888)
Chlorpromazine Venous thromboembolism risk with (Tapson 1206 Com) (Zornberg and Jick 1219)
Cholangiocytes New cell development from bone-marrow cell transplants in livers (Rowe 48 N) (Baum 1029 C)
Cholecystectomy, laparoscopic Impact on mortality/hospital stay and morbidity and effect of surgical experience (McMahon et al 1632)
Cholera Epidemic in London in 1854 (Brody et al 64) (Morens 1688 C) (Plaut 1688 C) (Vandenbroucke 1688 C) (Brody et al 1689 C); Outbreak in Afghanistan (Ahmad 1177 N)
Cholesterol Accumulation in Niemann-Pick C disease and genes identified (2162 N); In chronic heart failure and endotoxin-lipoprotein hypothesis (Rauchhaus et al 930) (Clunn et al 2097 C) (Mohrschladt et al 2097 C); In chronic renal failure and effect on cardiovascular disease risk (Baigent et al 149); Sibutramine effect and weight maintenance after weight loss (James et al 2119); Transport abnormalities in sitosterolaemia (Chande 1906 N)
Cholesterol-lowering therapy For smokers and non-smokers (life-table analysis) (viewpoint) (Bonneux 2004); *See also* Lipid-lowering agents
Cholinesterase inhibitors New applications and use in dementia with Lewy bodies (randomised trial) (Cummings 2024 Com) (McKeith et al 2031)
Choriocarcinoma False-positive results of hCG levels (600 correction); Partial hydatidiform mole transformation into (Seckl et al 36) (Poller 1443 C)
Choroidal abnormalities Frequency in neurofibromatosis type 1 (Yasunari et al 988)
Chromosome 7 Deletions in myelodysplasia and acute myeloid leukaemia in aircrew or after radiotherapy (Gundestrup et al 2158 R)
Chromosome 10 Gene as risk factor for Alzheimer's disease (Butcher 2161 N)
Chromosomes Analysis to improve IVF success rate (Bradbury 1497 N)
Chronic obstructive pulmonary disease (COPD) Age-adjusted death rates by country (Rossi and Confalonieri s56); Burden in industrialised countries (Rossi and Confalonieri s56); CFC inhalers to be phased out by 2005 and measures to help transition (Woodcock 2166 N); Chronic inhaled nitric oxide (Higenbottam et al 446 Com) (Bratman and Harkness 1274 C) (Dursun and Robertson 1274 C); Effect of previous asthma on disability/limitation of effort (Laszlo et al 737 R); Global initiative (GOLD) (Antoniu 921 N); Increased histamine airway hyperresponsiveness and mortality prediction (Hospers et al 1313); Interventions of little clinical benefit (Kollef 956 Com); Non-invasive ventilation (Kollef 956 Com); Oxygen-induced hypercapnia (Calverley 1538 Com); Short-term response to prednisolone and sputum eosinophilia (randomised trial) (Brightling et al 1480); Ventilation with helium/oxygen mixture to reduce trapped gas and iPEEP (Morice 1785 Com)
Ciclosporin Requirements in paediatric transplant patients and IL-2 receptor-induced changes in (Strehlau et al 1327 R); Sirolimus with *vs* azathioprine for renal transplantation rejection reduction (randomised study) (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C)
Ciprofloxacin Adverse reaction after methadone treatment (Herrlin et al 2069 R); Increased resistance in gonococci in Scotland (Forsyth et al 1984 R)
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Endoscopy Cost-effectiveness in dyspepsia (randomised trial) (Delaney et al 1965); Duodenal inflammation in Henoch-Schönlein purpura (case report) (Godkin et al 562) (Taylor et al 2192 C); *Helicobacter pylori* test-and-eradicate *vs* for dyspepsia management (randomised trial) (Lassen et al 455) (Pilotto et al 1683 C) (Lassen et al 1684 C); Magnetic imaging (MEI) and effect on colonoscopy performance (randomised trial) (Shah et al 1718); Miniature cameras in capsules for GI examination (Bradbury 2074 N);Retroperitoneal debridement for infected peripancreatic necrosis (Seifert et al 653R)
Endostatin Antibodies in multifocal glioblastoma (Ratel et al 1656 R); Overexpression in tumours and immune response to (Ratel et al 1656 R)
Endotoxin-lipoprotein hypothesis (Rauchhaus et al 930) (Clunn et al 2097 C) (Mohrschladt et al 2097 C)
Endotoxins Role in meningococcal septicaemia and trial of recombinant bactericidal/permeability-increasing protein (randomised trial) (van Deuren and Brandtzaeg 954 Com) (Levin et al 961)
Endovascular fenestration approach Descending aortic dissection (Beregi et al 482 R)
Endovascular stenting Of abdominal aortic aneurysm in patients unfit for surgery (Laheij et al 832 R)
English language Biomedical journals and evidence-based illiteracy (O'Donnell 684 C) (Watine and Borgstein 684 C)
Enteral feeding Disinfectants effect on *Clostridium difficile* sporulation levels and spore persistence (Wilcox and Fawley 1324 R) (Itou et al 2098 C)
Enterococci Vancomycin-resistant, Irish bone marrow transplant unit closed after outbreak (Birchard 1012 N)
Enteropathy-associated T-cell lymphoma As link between coeliac disease and T-cell lymphoma (Isaacson 178 Com) (Cellier et al 203)
Enteroscopy Push, jejunal ulceration in Henoch-Schönlein purpura (Taylor et al 2192 C)
Environment Characterisation of vaccine-derived polioviruses isolated from rivers/sewage (Yoshida et al 1461); Israel and Middle East problems (Fishman 319 N); Long-term effects of Bhopal incident (1863 E)
Environmental health Canadian studies needed after increase in childhood cancer and behavioural problems (Kondro 921 N)
Environmental tobacco smoke ESEF working paper and issues (Mooney 336 C)
Eosinophilia *Fasciola hepatica* infection from watercress (case report) (LaPook et al 218); Sputum, short-term response to prednisolone in COPD (randomised trial) (Brightling et al 1480)
Eosinophilic pustular folliculitis Appearance and treatment (Dale and Shaw 1235)
Eosinophils Effect of monoclonal antibody to IL-5 and implications on role in airway hyper-responsiveness and late asthmatic response (Boushey and Fahy 2114 Com) (Leckie et al 2144); Effect of recombinant human IL-12 and implications on role in airway hyper-responsiveness and late asthmatic response (Boushey and Fahy 2114 Com) (Bryan et al 2149)
Ep-CAM Overexpression in breast cancer as predictor of survival (Gasti et al 1981 R)
Epidemics Prevention not panic and need for global solutions (viewpoint) (Giesecke 588)
Epidemiologic Study of Cystic Fibrosis *Pseudomonas aeruginosa* infections and treatment approach (Marshall and Liou 613 Com)
Epidemiology Assessment of drug-induced disease (Kaufman and Shapiro 1339); Babington B G's role (Evans 1870 Com); Better disease tracking needed in US (840 N); Cholera epidemic in London in 1854 (Brody et al 64) (Morens 1688 C) (Plaut 1688 C) (Vandenbroucke 1688 C) (Brody et al 1689 C); Gonorrhoea transmission and *Opa*-typing (Ward et al 1812); Hepatitis B outbreak linked to autohaemotherapy (Webster et al 379) (Dade et al 1684 C)
Epidural anaesthesia For coronary bypass surgery (140 N)
Epilepsy Diagnosis/classification/genetics/and drug therapy (Brodie and French 323 S) (Blau 1690 C); Focal, episodic hypothermia with hyperhidrosis due to (case report) (Lowenthal et al 2064); Gelastic, caused by hypothalamic hamartoma (Engelborghs et al 940 C); Management in adolescents and adults (Brodie and French 323 S) (Blau 1690 C); Munchausen syndrome case (Reuber et al 1358 C); Myoclonic in infancy, treatment with stiripentol (randomised trial) (1619 E) (Trevathan 1623 Com) (Chiron et al 1638); Refractory, management (Brodie and French 327 S); Role of sleep apnoea in elderly (Duell 162 C); Surgery (Brodie and French 327 S); Syndrome-specific anti-epileptic drug therapy for children (1619 E) (Trevathan 1623 Com) (Chiron et al 1638)
Epirubicin Tailored chemotherapy in high-risk breast cancer vs marrow-supported high-dose chemotherapy (randomised trial) (Bergh et al 1384) (2196 correction)
Episcleritis Diagnosis using index of textbook (Scoppetta 1612 C)
Episodic hypothermia with hyperhidrosis (EHH) Due to frontal focal epileptiform disorder and postpartum sleep deprivation (case report) (Lowenthal et al 2064)
Epithelial glycoprotein (Ep-CAM) Overexpression in breast cancer as predictor of survival (Gasti et al 1981 R)
Epoetin alfa In combination of growth factors for haemopoiesis rescue (Blaise et al 1325 R)
Eponyms Brown-Séquard syndrome (Jeffcoate 8 Com) (Tattersall and Turner 61) (344 correction); Holmes-Adie syndrome (Martinelli 1760); Klinefelter's syndrome (Amory et al 333) (Wilkes 1528 C); *The Lancet* series (Jeffcoate 8 Com); As means of acknowledgement of intellectual achievement (Schäfer et al 2016 C); Prader-Willi syndrome (Couper and Couper 673) (Ward 1856 C); Takayasu's arteritis (Numano et al 1023)
Epstein-Barr virus (EBV) Targeted therapy for AIDS-related primary lymphoma of CNS (Slobod et al 1493 R)
Epstein-Barr virus (EBV) infection Chronic active infection with lymphoproliferation and blood stem cell transplantation for (Okamura et al 223 R)
Eptifibatide Dosing regimen in coronary stent implantation (ESPRIT randomised trial) (ESPRIT Investigators 2037)
Equipoise see Uncertainty principle
Eraritjaritjaka Wakley prize essay (Nauwelaers 2169)
Erectile dysfunction Chemotherapy inducing (van Basten et al 169 C)
Erythropoietin Testing of athletes for at Olympic games (Birchard 1008 N)
Escherichia coli Enteropathogenic (EPEC), in less-developed countries (Fagundes Neto and Affonso Scaletsky s27); Enterotoxigenic, cause of traveller's diarrhoea and susceptibility factors (von Sonnenburg et al 133 R); Infections associated with malnutrition (Fagundes Neto and Affonso Scaletsky s27); Outbreak in Spain and mismanagement claim (Bosch 1665 N)
***Escherichia coli* 0157:H7** In apples and apple juice (Larkin1827 N)
ESPRIT trial Eptifibatide dosing regimen in coronary stent implantation (ESPRIT Investigators 2037)
Essential National Health Research (ENHR) Concept (1043 E)
Etanercept Psoriatic arthritis and psoriasis treatment (randomised trial) (Mease et al 385) (Marzo-Ortega et al 2095 C) (Spadaro et al 2095 C) (Taylor et al 2095 C) (Mease 2096 C)
Ethics Bioethics panel for genomics research in India (Sharma 491 N); Concerns over vaccination trials in children (Birchard 1747 N); Conducting research, Declaration of Helsinki amendment (1123 E) (Ramsay 1336 N); Direct-to-consumer drug advertising (607 E) (Bliznakov 1522 C); Of drug trials in less-developed countries (Tan-Torres Edejer s37); *Extended Life, Eternal Life* website (Larkin 1617); Guidelines for medical research in Nepal (Sharma 1992 N); Guidelines published in India for biomedical research (Sharma 1502 N); Human genome and "genethics" (Knoppers s38); Identification of patient with rare disease in journals (Parry 1036 C) (Shamsadini 1036 C); Mass treatment of STDs (Clark 225 N) (Buvé et al 1115 C) (Hudeson and Smith 1115 C); Placebo-controlled trials (Larkin 1086 N); Of programmed stem-cell donors (Burgio and Locatelli 1868 Com); *See also* Bioethics
Ethics, department Planning for end-of-life care (Martin et al 1672)
Ethiopia Addis Ababa Fistula Hospital and development aid myths (Horton 1044 Com); Aid in/after disasters and need for sustainable solutions (Gostelow s19); Female genital mutilation practice decreasing (Missailidis and Gebre-Medhin 137 R); Teaching mothers for home treatment of malaria (randomised trial) (Kidane and Morrow 550)
Ethiopian Medical Journal (Horton 1044 Com)
Ethnic groups Disparities in cardiovascular disease risk in Canada (Levy and Kannel 266 Com) (Anand et al 279) (Bell 1109 C) (Segall 1853 C); Variations in menopausal symptoms (Morris 916 N)
Ethnic minorities *The NHS Plan*, targets, promises and disappointments (441 E) (Akinosi and Ramaiah 1354 C) (Schinaia 2103 C)
Etomoxir As new approach for chronic heart failure treatment (Bristow 1621 Com)
Euricon study Informed consent for neonatal randomised trials and views of parents/neonatologists (Tyson and Knudson 2026 Com) (Mason et al 2045)
EURODIAB ACE Study Childhood diabetes trends in Europe (1690 correction)
Eurodis (European Organisation for Rare Disorders) Increased awareness of rare diseases in Europe and orphan drug policy (Weber 1504 N)
Europe First trans-European telemedicine network launched (Jack 1910 N); Health effects of outdoor and traffic-related air pollution (London and Romieu 782 Com) (Künzli et al 795) (946 correction); International Day against Female Genital Mutilation (1912 N); Response to viral haemorrhagic fever (ter Meulen s64)
European Commission To end de facto moratorium on genetically modified foods (Birchard 320 N); "Genetics and the Future of Europe" conference (Weber 1748 N); Report on embryo stem cells research (Ramsay 1825 N) (Ramsay 2162 N)
European Court Doctors' working hours ruling (Weber 1337 N); Medical cases (Bourke 1514)
European Food Authority (EFA) EU proposal for food safety watchdog (Birchard 1747 N)
European Liver Transplant Registry study Normalised intrinsic mortality risk in liver transplantation (Adam et al 621)
European Medicines Evaluation Agency (EMEA) Director (Sauer F) stepping down (146 N)
European medicines regulatory framework Reforms needed (1504 N)
European Parliament Approval of European clinical trials guidelines (Weber 2167 N); Awareness raised for patients with rare diseases (Weber 1504 N); Talks on doctors' registration and restrictions on non-EU qualifications (Rogers 231 N)
European Science and Environment Forum (ESEF) Environmental tobacco smoke issue (Mooney 336 C)
European Science and Technology Week Discussions hosted by European cities (McNamee 1748 N)
European Society of Cardiology Commercially sponsored satellite symposia and identity bias (Horton 959 Com); Establishment (Verheugt et al 672)
European Union AIDS in Europe 1994-1998, EuroSIDA study (Mocroft et al 291); Ban on smacking and corporal punishment of children (1 E); Cancer survival data (Cookson 1611 C); Cardiology history (Verheugt et al 671); Childhood diabetes incidence trends (1690 correction); Commissioners proposal for Europe-wide BSE testing (Birchard 1746 N); Concerns over Slovakian health care (Glass 230 N); Concerns over Spanish BSE cattle embargo (Bosch 1746 N); Debate on impact of genetic engineering on society (Weber 1748 N); Direct-to-consumer drug advertising (607 E) (Bliznakov 1522 C); Drug regulatory framework reforms (1504 N); Erosion of refugee protection (Human Rights Watch report) (Hargreaves 2168 N); Food safety watchdog proposed for Europe (Birchard 1747 N); Impact of human rights law on UK (Brahams 1433); *Legionella* risks at holiday resorts (Weber 1177 N) (Decludt and Etienne 2100 C); Medicine and law series see Medicine and law, in Europe; Nice summit and commitment to GATS rules not WTS's proposals accelerating privatisation (1941 E) (Pollock and Price 1995); Obesity increase and heart disease concerns (867 E); Ozone exposure thresholds/limits (Weber 1419N); Public health (McKee and Jacobson 665); Restrictions on non-EU medical qualifications and European Parliament talks (Rogers 231 N); Science/technology discussions as part of European Science and Technology Week (McNamee 1748 N); UK-style postgraduate examinations in (Zorab 1526 C); Youth suicide increase and preventive action needed (Weber 1092 N)
European Working Group on Legionella Infections (EWGLI) Publication of at-risk holiday resorts (Weber 1177 N)
EuroSIDA study AIDS in Europe (1994-1998) (Mocroft et al 291)
EUROSPIRE II study Increase in cardiovascular risk factors (867 E)
Euthanasia Children's right withdrawn in Netherlands (Weber 322 N); Doctor's role in Australia and coroner's decision (Loff 52 N); Law passed by Dutch parliament (Weber 1911 N); Need for psychiatric consultation before decision making (Bannink et al 2067 R); In Netherlands (van Craaikamp and Oosting 1512); Proposed legislation in Netherlands (Weber 1666 N); *See also* Physician-assisted suicide
Evidence-based illiteracy Biomedical papers and doctors (O'Donnell 684 C) (Watine and Borgstein 684 C)
Evidence-based medicine Computer-assisted prediction of extubation failure in preterm neonates (Greenough and Dimitriou 1276 C); In Fiji (Lowe 1105)
Evidence-based practice centres (EPC) Agency for Healthcare Research and Quality (AHRQ) (Newman 1990 N)
Evidence-based prescription guidelines For new drugs (Borst-Eilers s6)
Evolution Adaptation of inflammatory immune

responses in human beings (hypothesis) (Le Souëf et al 242) (O'Byrne and Daigleish 1033 C) (Greaves 1034 C)
EWARN early-warning system Use in South Sudan (Bower 661 N)
Examinations UK-style postgraduate examinations in Europe (Zorab 1526 C)
Executions Increased use of lethal-injections planned in China (Ahmad 1012 N)
Exercise Aerobiceffects in comparison to resistance exercise (Speed and Shapiro 1208 Com); prostate cancer risk reduction by (Bonn 1248 N)
Effect of previous asthma in COPD (Laszlo et al 737 R); Heart attacks/strokes linked to in unfit (Senior 1742 N); Prescription in cardiac disease (Speed and Shapiro 1208 Com); *See also* Physical activity
Exercise testing In clinical medicine (Ashley et al 1592 S); In rapid-access clinics for chest pain assessment (Reeder 2116 Com)
Exercise tolerance Omapatrilat vs lisinopril in congestive heart failure (randomised trial) (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction)
Exertional heat illness Sweat gland dysfunction (Shuster 596 C)
Expanded Programme of Immunisation (EPI) Priority and programme (Zeleke s21); Vaccination schedules in industrialised countries (Peltola s22)
Experiments Ideas as more important and science management (viewpoint) (Martin 934)
Expert Advisory Group on Therapeutic Cloning Report on use of embryo stem cells in UK (693 E)
Extracorporeal lung assist (ECLA) Pumpless, in adult respiratory distress syndrome (Reng et al 219 R) (Möller et al 1112 C)
Extracorporeal membrane oxygenation In pregnancy (King et al 45 R)
Extubation failure In preterm neonates, computer-assisted prediction (Greenough and Dimitiriou 1276 C)
Eye diseases Blindness control in India (Dandona s25); Laser use (Seitz and Langenbucher s26)
Eyelid opening Apraxia, improved by wearing goggles (Hirayama et al 1413 R)

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Facial cosmetic surgery (Peled s46) (Alam et al s60)
Facial expressions Disgust, and brain regions involved in recognition (Butcher 1417 N)
Facial plastic surgery In developed countries (Peled s46)
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Factor VIII Cardiovascular disease risk factor in diabetes (McCarthy 317 N)
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Falls Screening elderly for risk using Tinetti balance scale (Raiche et al 1001 R)
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Falun Gong Psychiatric abuses in China and international concern (Ahmad 920 N)
Family Support, effect on stroke patients and carers (randomised trial) (Mant et al 808) (Mant et al 2196 C) (Weatherall 2196 C)
Family-practice networks Called for by physicians in Canada (Kondro 1583 N)
Fanconi's anaemia Ethics of development of programmed stem-cell donors (Burgio and Locatelli 1868 Com)
Faxisamh helpline Service breached by hackers (Birchard 745 N)
Fasciola hepatica infection From watercress presenting with night sweats and weight loss and role of Medline search (case report) (LaPook et al 218)
Fat, body Sonographic assessment in HIV-1 infection (Martínez et al 1412 R)
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Fathers Names on birth certificates after sperm used after death, UK fertilisation law amended (Ashraf 840 N); *See also* Parents
Fatigue Mental, in multiple sclerosis (Senior 1332 N)
Fatness Male eating disorders and under-diagnosis (Morgan 1372 Com)
Fatty acids Energy source for *Mycobacterium tuberculosis* (Ashraf 658 N); Very-long-chain (VLCFA), in childhood-onset cerebral X-linked adrenoleukodystrophy (Shapiro et al 713) (Laan et al 1608 C)
Favaloro Cardiological Surgical Foundation Problems facing and Favaloro's death (Iglesias-Rogers 492 N)
Favaloro R Death and health care problems in Argentine (Iglesias-Rogers 492 N)
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Females Risks associated with young athletes (Larkin 1007 N); *See also* Mothers; Women
Femoropopliteal angioplasty Restenosis reduced by radiotherapy (Morris 1906 N)
Ferritin Low levels in pregnancy and effect on placenta (Trichopoulos 696 Com) (Hindmarsh et al 719)
Fertilisation UK law amended to allow dead father's name on birth certificate (Ashraf 840 N)
Fertility Treatment for women undergoing cancer therapy (Butcher 1497 N); *See also* Infertility
Festival of Medicine Global mortality/morbidity and poverty and need for global health strategies (Hargreaves 1741 N)
Fetal cells Clonal culture from maternal blood (Tutschek et al 1736 R)
Fetal echocardiography Prenatal diagnosis of hypoplastic left-heart syndrome (Brackley et al 1143)
"Fetal" gene programme Concept and etomoxir action (Bristow 1621 Com)
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Fibrinogen Cardiovascular disease risk factor in diabetes (McCarthy 317 N); Premature cardiovascular disease in chronic renal failure (Warlde 854 C)
Fibrinolytic Therapy Trialists' (FFT) Thrombolytic therapy in elderly and conflicting studies (White 2028 Com)
Fibromuscular dysplasia Atherosclerotic renal artery associated (Jayawardene et al 2138)
Fibrosarcoma Metastatic, tumour-lysate-pulsed dendritic cells for treatment in children (Geiger et al 1163 R)
Fiji Evidence-based medicine (Lowe 1105)
Filariasis Breast lump due to *Wuchereria bancrofti* infection (case report) (Stebbing et al 396) (600 correction)
Filgrastim In combination of growth factors for haemopoiesis rescue (Blaise et al 1325 R)
Fine-needle aspiration Cytology of breast and discomfort minimized by small needle and on-site cytopathologist (Ngadiman et al 1701 Com); Thyroid disease and carcinoma detection (Poller et al 679 N) (Bartolazzi and Gasbarri 2010 C) (Poller et al 2010 C)
Firearms Deaths decline in US (1367 E)
"First-born effect" Obesity associated (Hargreaves 489 N)
Fluconazole Access in developing countries (Perez-Casas et al 2102 C); AIDS activists in South Africa apply for urgent permission for use (Baleta 1584 N); Generic drug approval in South Africa and AIDS activists' victory (Morris 1994 N)
Fluorescence in-situ hybridisation (FISH) Angiogenesis in chronic myelogenous leukaemia (Garland et al 1026 C) (Gunsilius et al 1026 C); Chromosome analysis to improve IVF success rate (Bradbury 1497 N); Prenatal diagnosis of fetal Down's syndrome (Poon et al 1819 R)
Fluorodeoxyglucose positron emission tomography Combined imaging techniques for earlier diagnosis of pancreatic cancer (Hosten et al 909 R); Current/new technology and advantages (O'Doherty and Marsden 1701 Com)
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Fluticasone propionate Pharmacokinetics/bioavailability and systemic effects in asthma and healthy volunteers (randomised crossover study) (Israel 527 Com) (Brutsche et al 556) (Crompton 1681 C) (Lipworth et al 1681 C) (Woodcock and Daley-Yates 1682 C)
Foege W Advisor of Gates Foundation 's Global Health Program and interview (McCarthy 153)
Folate deficiency Chronic inhaled nitric oxide causing (Bratman and Harkness 1274 C)
Folic acid Consultation over wheat flour fortification in UK (409 N); Serum trends after food fortification (1934 correction)
Follicle-stimulating hormone (FSH) receptor Mutations associated with repeated twinning (Al-Hendy et al 914 R)
Folliculitis Eosinophilic pustular, appearance and treatment (Dale and Shaw 1235)
Fontanelle, anterior Bulging, nutritional rickets causing (case report) (Biswas et al 132)
Food Folic acid fortification and consultation in UK (409 N); Fortification and folate trends after (1934 correction); Inadequacy under UK asylum system (Hargreaves 2168 N); Intake, ghrelin role and possible treatment of wasting syndromes (Pound 1417 N); Intolerance, mechanisms and implications of food provocation and systemic immune activation (Jacobsen et al 400 R); Marketing/advertising using health messages and concerns (Astrup et al 1786 Com); Provocation relationship with systemic immune activation in food intolerance (Jacobsen et al 400 R)
Food aid For North Korea and monitoring by Japan (574 N); UN appeal for North Korea (Watts 1993 N)
Food and Drug Administration (FDA) Action over laetrile sales online (Ramsay 1011 N); AMA support for improved access of "morning after pill" (Ashraf and McCarthy 2071 N); Criteria for approval of anti-dementia drugs (Cummings 2024 Com); Drugs approved for use in children and "Pediatric Rule" (1619 E); Information on thiazolidinediones (Wolfe et al 254 c) (Auwerx 255 c); Placebo-controlled trials defended (Larkin 1086 N); Review of chemotherapy for colorectal cancer (Kelsen 353 Com); Serious adverse effects warning of anti-D immunoglobulin in immune thrombocytopenic purpura (Imbach and Kühne 447 Com); Vaccine approval process and conflicts of interest (McCarthy 838 N)
Food poisoning Contaminated milk and other foods in Japan (Watt 573 N)
Food safety Criticisms in Japan after food poisonings and contaminated milk (Watt 573 N); Dairy-product contamination crisis in Japan (Watts 232 N); EU proposal for European Food Authority (EFA) (Birchard 1747 N)
Food Standards Agency (FSA) Lack of openness on lifting ban on calf offal use (1535 E)
Foot Ancient Egyptian prosthesis of big toe (Nerlich et al 2176)
Foramen ovale, patent Screening of scuba divers (Larkin 2073 N)
Forced expiratory volume in 1 second (FEV_1) Effect of previous asthma on disability/limitation of effort in COPD (Laszlo et al 737 R)
Formulary For children and need for trials and post-marketing surveillance (1619 E)
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Fragmin and Fast Revascularisation during Instability in Coronary artery disease II trial see FRISC II invasive randomised trial
Framingham Genomic Medicine Sale of analyses of clinical data from Framingham Heart Study (Larkin 47 N)
Framingham Heart Study Analyses of clinical data to be sold by new company (Larkin 47 N)
France Bid to relax abortion law (Weber 1337 N); BSE crisis and government response (Weber 1746 N); Delay over patients' bill of rights (Weber 1584 N); Drug prescribing in pregnancy and concerns (Haramburu et al 1704 Com) (Lacroix et al 1735 R); Gulf War syndrome investigation (Weber 1747 N); Neonatal screening for cystic fibrosis (Scotet et al 789) (Dudding et al 1930 C); Role of intestinal flora in gastrointestinal disease (Marteau s28); Second vCJD case diagnosed by MRI (Oppenheim et al 253 C); Spanish ban on cattle imports from (after BSE cases) and EU tensions (Bosch 1746 N); Undercertification of CHD and possible mechanism for French Paradox (Grainger 92 Com)
Fraud Argentinian health service provider (Rogers 146 N); Investigation over pharmaceutical company-sponsored trial in Netherlands (Hoeksema et al 1773 C); Oncology research scandal in Germany and random checks on researchers proposed after (Weber 53 N); Prescription fraud in Germany (Röggla 746 N); *See also* Scientific misconduct
French Paradox Possible mechanism of wine polyphenols on smooth muscle proliferation, undercertification of CHD in France and need for trials (Grainger 92 Com); Trans-resveratrol (Res) actions on NF-kB as possible mechanism (Hargreaves 139 N)
French Polynesia Lymphatic filariasis campaign launched (Dean 143 N)
FRISC II invasive randomised trial Invasive vs non-invasive strategy for unstable coronary artery disease (Wallentin et al 9) (Galli and Ardissino 941 C) (1934 correction)
Frontal cortex Involvement in speech and sign lan-

guage processing (Larkin 1989 N); Lateral, neural basis for intelligence (Butcher 315 N)
Frontal lobe abnormalities Focal epilepsy and episodic hypothermia with hyperhidrosis due to (case report) (Lowenthal et al 2064)
Furchgott R F (Raju 346)
Fusarium oxysporum Cutaneous hyalohyphomycosis due to (Assaf et al 1185)

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G8 countries Failure on progress on debt and GM foods (Watts 408 N); Support for Roll Back Malaria (RBM) campaign (521 E) (Hanson et al 1855 C) (Lengeler 1855 C); Target to reduce "diseases of poverty" (Watts 408 N)
G protein α-subunit, gene therapy for cardiac arrhythmias (Butcher 1987 N); GNB3-825T allele in very low birthweight infants (Vásárhelyi et al 254 C)
GAIN (Glycine Antagonist (gavestinel) in Neuroprotection) trial Neuroprotection in stroke (Wardlaw et al 597 C)
Galactography Imaging of nipple discharge (Sickles 1622 Com)
Galactorrhoea Protease inhibitors associated (Hutchinson et al 1003 R)
GALENOS Project First trans-European telemedicine network launched (Jack 1910 N)
Gambia, The Carriage of serogroup W-135 ET-37 meningococci and implications for immunisation (MacLennan et al 1078 R)
Ganciclovir CMV disease resistance in transplant recipients and treatment duration effect (Drew 609 Com) (Limaye et al 645) (Legendre 1356 C)
Gangrene Possible ischaemic disease of toe in Egyptian mummy (Nerlich et al 2176)
Garlic Stomach and colorectal cancer protection (1249 N)
Gastric acid secretion Inhibition by omeprazole and long-term effects (Armstrong 610 Com) (Dawson and Manson 1770 C)
Gastric cancer Diagnosis and terminology problems with gastrointestinal epithelial dysplasia (Caselli et al 1528 C); Disclosure of results of operations in Japan (Yokota et al 1689 C); Garlic protective role (1249 N)
Gastric dilatation In chronic inflammatory polymyositis (case report) (Rigby et al 1898)
Gastric epithelial dysplasia Terminology difficulties (Caselli et al 1528 C)
Gastritis *Helicobacter pylori* and effect of long-term omeprazole (Armstrong 610 Com) (Dawson and Manson 1770 C)
Gastro-oesophageal reflux disease Laparoscopic *vs* conventional Nissen fundoplication (Bloechle et al 69 C) (De Brauw and Beets 69 C) (Booth and Dehn 70 C) (Gorecki and Hinder 70 C) (de Beaux et al 71 C) (Pellegrini 71 C) (Gooszen et al 72 C); Long-term safety and efficacy of omeprazole (Armstrong 610 Com) (Dawson and Manson 1770 C)
Gastroenteritis *Escherichia coli* outbreak in Spain and mismanagement claim (Bosch 1665 N); See also Diarrhoea
Gastrointestinal abnormalities Calprotectin as faecal marker (Fagerhol 1783 Com)
Gastrointestinal bleeding Analgesics causing (Kaufman and Shapiro 1341); Upper tract, triage of patients using risk score (Farrell et al 1289 Com) (Blatchford et al 1318) (Trewby 2101 C)
Gastrointestinal disease Role of intestinal flora (Marteau s28)
Gastrointestinal epithelial dysplasia Terminology difficulties (Caselli et al 1528 C)
Gastrointestinal tract Miniature cameras in capsules for examination (Bradbury 2074 N); Toxic effect of irinotecan and effect of thalidomide on (Govindarajan et al 566 R)
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General Agreement on Trade in Services (GATS) Public health exclusion in 1995 now challenged by World Trade Organisation and acceleration of privatisation (1941 E) (Pollock and Price 1995)
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Genetic association studies Benefits in complex disease (Burgner and Hull 599 C)
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Hepatocytes Apoptosis due to tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) (Nitsch et al 827 R) (de Vries et al 2014 C); New cell development from bone-marrow cell transplants in livers (Rowe 48 N) (Baum 1029 C)
HER2 protein Cardiotoxicity from cancer therapy and prediction (Sparano et al 1947 Com)
Herbal remedies Efficacy and assessment (Knipschild s4); Role and current views (Iwu and Gbodossou s3); Unlicensed, in pregnancy (Haramburu et al 1704 Com) (Lacroix et al 1735 R)
Herceptin (trastuzumab) Cardiotoxicity prediction by troponins (Sparano et al 1947 Com)
Hereditary angioedema Normal C1-inhibitor activity in women and proposed hereditary angioedema type 3 (HAI III) (Bork et al 213) (Bork et al 1440 C) (Kränke et al 1440 C)
HERG Role in QT prolongation and effect of psychotropic drugs (Hancox and Witchel 428 C)
Hernia, diaphragmatic Congenital, symptom (dyspnoea) onset in child after air travel and pneumothorax differential diagnosis (case report) (Schneider et al 480)
Heroin Abuse, injectional anthrax with (Ringertz et al 1574 R); Prescription for addicts in Switzerland and improved quality of life (Weber 1177 N); Supervised injection rooms supported in Victoria (Australia) (494 N); Wound botulism in addict presenting with lower cranial nerve palsy (case report) (Jensenius et al 1160) (Athwal et al 2011 C)
Hiatus hernia Paraoesophageal, presentation with constipation (clinical picture) (Smith et al 1306)
Higgs particle Physicists' discovery (Mitton 1460 Com)
High-altitude emergency medicine Nepal (Basnyat s1)
High-density lipoprotein (HDL) cholesterol Sibutramine effect and weight maintenance after weight loss (James et al 2119)
High-dose chemotherapy For breast cancer (Bearman 595 C) (Bergh 595 C); Erectile dysfunction induced by (van Basten et al 169 C); In high-risk breast cancer vs tailored FEC chemotherapy (randomised trial) (Bergh et al 1384) (2196 correction); In SLE (phase I study) (Traynor et al 701)
Highly active antiretroviral therapy (HAART) Adverse effects (Carr and Cooper 1423); Effect on AIDS in Europe (1994-1998) (Mocroft et al 291); Galactorrhoea and hyperprolactinaemia associated with protease inhibitors (Hutchinson et al 1003 R); Hepatitis C effect on immune reconstitution in HIV-infected patients (Graham and Koziel 1865 Com); Immune control boosted by early treatment of HIV-1 infection (Bonn 1173 N); Need for assessment of topical immune modulation in lieu of (De Lancie 770 C)
Hip replacement Ceramic-on-ceramic joints and role of lubricants (Hargreaves 1826 N)
Hippocrates ridens 17th century medico-political journal (Colman 2184)
Hiroshima bomb Long-lasting effects of nuclear bomb on hibakusha (A-bomb survivors) in Japan (Watts 1009 N)
Histamine Increased airway hyper-responsiveness and mortality from COPD (Hospers et al 1313)
Histology Virtual microscopy (488 N)
Histoplasma capsulatum Virulence factor identified (Butcher 1741 N)
History Public health (viewpoint) (Berridge 1923); See also Medical history
HIV Voluntary Counselling and Testing (VCT) In community health services (randomised trial) (Van de Perre 86 Com) (Voluntary HIV-1 Counseling and Testing Efficacy Study Group 103) (Sweat et al 113) (Moses et al 1602 C) (Sweat and Coates 1602 C) (Coates et al 1603 C) (Decosas 1603 C) (Müller 1604 C); Cost-effectiveness in Kenya and Tanzania (Van de Perre 86 Com) (Sweat et al 113) (Moses et al 1602 C) (Sweat and Coates 1602 C) (Coates et al 1603 C) (Decosas 1603 C) (Müller 1604 C)
HIV-1 Blood contamination and death penalty threat for doctors in Libya (Ahmad 1178 N); Concerns over disclosure law proposal in Botswana (Ahmad 662 N); Confusion over South African President's views (Baleta 1090 N); Consent for counselling and testing in less-developed countries (Fylkesnes s43); Ethics of mass treatment of STDs (Buvé et al 1115 C) (Hudeson and Smith 1115 C); Evidence for role in aetiology of AIDS from mortality data in Thailand (Kilmarx et al 770 C); HIV-1_C vaccine trial planned for South Africa (Ramsay 1336 N); Incidence in India (Kumar 1830 N); Intentional transmission may be criminal offence in China (Ahmad 1666 N); Isolation camps called for in Swaziland (748 N); More prevention efforts needed (US Institute of Medicine) (Newman 1252 N); Mother-to-child transmission prevention (Cates and Allen 945 C); AIDS activists to take South African government to court (Baleta 746 N) Mother-to-child transmission prevention and hopes at Durban conference (Clark 316 N); Oral transmission risk and limitations (Cohen et al 272 Com); Prevalence in India (Sharma 662 N); Prevention by nevirapine after rape (O'Farrell 773 C); Prevention and underuse of TV/cinema for (Bhattarai 773 C); Primary prevention (Weisburger 600 C); Proteasome/ubiquitin system as new drug target (Morris 1827 N); Protection against by male circumcision (Clark 225 N) (Buvé et al 1115 C); RANTES polymorphisms influence on susceptibility and progression (Morris 1827 N); Replication controlled by DNA vaccine in monkeys (Chande 1416 N); Seroprevalence by anonymous testing in patients/contacts with tuberculosis (Bowen et al 1488 R); Untested vaccine banned from use in Nigeria until investigations complete (Ahmad 493 N); Vaccine, Immune Response Corporation's attempt to block publication of negative study (McCarthy 1659 N); Vertical transmission and decision on nevirapine deferred in South Africa (Morris 1912 N); Voluntary counselling and testing see HIV Voluntary Counselling and Testing (VCT)
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et al 1412 R); South Africa's policy and defiance of President at international AIDS conference (Horton 225 N) (Butler 1445 C); Sterilisation debated in Swaziland (Ahmad 321 N); Support for anti-discrimination law in India (Sharma 1992 N); Suppression during scrub-typhus infection (Watt et al 475) (Colebunders et al 1765 C) (Ariyoshi and Whittle 1766 C) (Watt et al 1766 C) (Ikeda and Yoshida 1851 C); In women and high mortality in Thailand (Kilmarx et al 770 C); *See also* AIDS

HLA Compatibility, ethics of development of programmed stem-cell donors (Burgio and Locatelli 1868 Com); Expression analysis in melanoma before interferon alfa-2b (Wagner et al 220 R); Matching for kidney transplantation (Dyer et al 427 C)

HLA class I molecules Low expression in syndrome resembling Wegener's granulomatosis (170 correction)

HLA class II molecules Expression inhibited by statins (Senior 1906 N)

HLA-DQA1*0501 allele In juvenile dermatomyositis and chimerism (Reed et al 2156 R)

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Hodgkin's stethoscope History (Richardson 2200 D)

Hoffmann-La Roche Potency guidelines of protease inhibitors called for (Jack 1581 N)

Holmes G M Holmes-Adie syndrome named after (Martinelli 1760)

Holmes-Adie syndrome (Martinelli 1760); Case presentation and historical notes (Martinelli 1760)

Homeopathy Efficacy and assessment (Knipschild s4)

Homocysteine In chronic renal failure and effect on cardiovascular disease risk (Baigent et al 150); Increased serum level after alcoholic drinks (Bleich et al 512 C) (Jayasinghe 512 C)

HOPE study Impact of ACE inhibitors tested on elderly attending day hospital (Hutcheon et al 511 C) (Achard et al 1926 C) (Fournier et al 1927 C) (Kjeldsen et al 1929 C); Ramipril effect on cardiovascular and microvascular outcome in diabetes (860 correction) (He and Whelton 1942 Com) (Pahor et al 1949)

Hormonal response To stress in women after child abuse (488 N)

Hormone replacement therapy (HRT) Alternative drug (venlafaxine) for hot flushes (Barlow 2025 Com) (Loprinzi et al 2059); Cognitive decline in women linked to oestradiol levels (Tierney 694 Com) (Yaffe et al 708) (Simkin 1690 C); *See also* Oestrogen replacement therapy

Horner's syndrome In thoracic aortic dissection involving carotid artery (case report) (Gleeson et al 826) (1036 correction)

Hospices In Eastern Europe (Luczak and Hunter s23); Websites (Larkin 1617)

Hospitals Admission likelihood in elderly associated with empty refrigerators (Boumendjel et al 563 R); Admission and mortality rates for venous thromboembolism in Oxford (258 correction); Day, implications of HOPE study on elderly and ACE inhibitor administration (Hutcheon et al 511 C); Disinfectants effect on *Clostridium difficile* sporulation levels and spore persistence (Wilcox and Fawley 1324 R) (Itou et al 2098 C); "Health-foundations" ruling reversed in Spain (Bosch 1503 N); High-security and new UK plan (409 N); Impact of laparoscopic cholecystectomy on admission duration (McMahon et al 1632); Mortality in relation to staff workload (intensive-care unit study) (Tarnow-Mordi et al 185) (Bolsin 1356 C) (Miró et al 1356 C); NHS to work with private hospitals (Dean 1663 N); Programme to improve compliance with hand hygiene (Vandenbroucke-Grauls 1290 Com) (Pittet et al 1307) (2196 correction); Shortage of doctors in Ireland (Birchard 2167 N)

Hot flushes Venlafaxine treatment (randomised trial) (Barlow 2025 Com) (Loprinzi et al 2059)

HOT study Optimal hypertension treatment (Messerli 509 C)

House dust mite Allergen detection in amniotic fluid and umbilical cord blood (Holloway et al 1900 R); Allergen sensitisation and T-helper cell imbalance (Schultz 1191 C) (Liu and Gereda 1192 C); Early exposure not linked to asthma risk in children (Grad 1369 Com) (Lau et al 1392)

House of Lord's report Complementary medicine (2023 E)

House-spraying With DDT and malaria control (Smith 267 Com) (Roberts et al 330) (Liroff 1189 C) (Rogan 1189 C) (Ross 1189 C) (Schettler et al 1189 C) (Cormican et al 1190 C) (Watterson 1191 C)

Huey Cocoliztli Haemorrhagic fever causing, website (Larkin 1777)

Human chorionic gonadotrophin (hCG) False diagnosis of malignant disease in women after false-positive results (600 correction); Follow-up for partial hydatidiform moles to detect choriocarcinoma development (Seckl et al 36) (Poller 1443 C)

Human Development Report 2000 On human rights (Ahmad 145 N)

Human Fertilisation and Embryology Act (1990) Law amended to include allowance of dead father's name on birth certificate after sperm used (Ashraf 840 N)

Human Fertilisation and Embryology Authority (HFEA) Embryo stem cell research and cell-nuclear replacement (693 E)

Human genome Donor DNA for sequencing (Butcher 47 N); Ethical considerations ("genethics") (Knoppers s38); Gene research funding in UK (232 N); Implications of sequencing (Horton 2 Com); Websites (Larkin 263); "Working draft" complete and press conferences (Butcher 47 N); "Working draft" complete and proteome as next step? (Bradbury 50 N)

Human Genome Project (HGP) Announcement of completed "working draft" (Butcher 47 N); Gene number puzzle (McNamee 1748 N); Need for shift in causal thinking (Wildner 1360 C)

Human herpesvirus 8 (HHV-8) Vertical and inter-sibling transmission (Plancoulaine et al 1062)

Human papillomavirus (HPV) Cellular immunity to HVP-16 oncoprotein E7 and cervical intraepithelial neoplasia regression (Höpfl et al 1985 R); Delayed-type hypersensitivity in cervical dysplasia (Höpfl et al 1985 R); Oropharyngeal cancer link (Franceschi et al 871 Com)

Human rights Impact of European law on UK (Brahams 1433); Middle East conflict and use of force investigated (Ramsay 1748 N); Support for anti-discrimination law for HIV-infected people in India (Sharma 1992 N); Surgeon (Lök V) sentenced in Turkey (503); Tunisian activist dismissed from clinical post (Welsh 493 N); UK Human Rights Act 1998 and health implications (Horton 1186) (Hall 2102 C); UN call for more effort to equalise (Ahmad 145 N); Women's needs in Afghanistan (Amowitz and Iacopino s65); *See also* Health and human rights

Human Rights Watch report Erosion of refugee protection in Western Europe (Hargreaves 2168 N)

Humanitarian aid After disasters and need for sustainable solutions in Ethiopia (Gostelow s19); Bangladeshi government appeal to WHO for over dengue fever (Ahmad 409 N); Food for North Korea and monitoring by Japan (574 N); UN appeal for North Korea (Watts 1993 N)

Humanitarian disasters Myths and World Bank grants for reduction of vulnerability (viewpoint) (de Ville de Goyet 762)

Hunting Link to emerging infectious disease (Larkin 1173 N)

Huntington's disease Improvements after neural transplantation and progress towards cell therapy (Lindvall and Björklund 1945 Com) (Bachoud-Lévi et al 1975); "One-hit" hypothesis for pathogenesis (226 N); Predictive testing incorporation into health care systems and uptake (Hayden 1944 Com); Source of neural stem cells for repair (Senior 915 N)

Hyalohyphomycosis, cutaneous Aetiology and picture (Assaf et al 1185)

Hydatidiform mole Partial, transformation into choriocarcinoma (Seckl et al 36) (Poller 1443 C)

Hydrocele Detection by scrotal ultrasonography (Dohle and Schröder 1625 Com)

4-Hydroxy-tamoxifen In breast cancer (Pujol 591 C)

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Hydroxyurea Adverse effects (Carr and Cooper 1427)

Hygiene Low standards in Germany and legal action (Röggla 574 N)

Hygiene hypothesis Role of IL-10 and Th2 cells in explanation and parasite-stimulated Th2 cell increase with atopy reduction (Holt 1699 Com) (van den Biggelaar et al 1723)

Hyperaldosteronism Blood pressure decrease in pregnancy (case report) (Murakami et al 1980); Familial, dexamethasone-suppressible hypertension (Stewart 697 Com)

Hyperalgesia Capsaicin causing and mechanisms (Baron 785 Com); Visceral and referred, role of central sensitisation (Cervero 1127 Com) (Sarkar et al 1154)

Hyperandrogenism Polycystic ovary syndrome association and first paper published on (1921) (Jeffcoate and Kong 1183)

Hyperbilirubinaemia In ABO-incompatible neonates (Kaplan et al 652 R)

Hypercapnia Chemoreflex sensitivity to in chronic heart failure reduced by yoga and yoga breathing (Spicuzza et al 1495 R) (1612 correction); Impaired chemosensitivity in Parkinson's disease (Onodera et al 739 R) (Onodera et al 2099 C) (Röggla et al 2099 C) (Kanda et al 2100 C); Oxygen-induced (Calverley 1538 Com)

Hypercortisolaemia Cryptococcal meningitis and (Kuruvilla 342 C) (Delgrange and Donckier 343 C)

Hypergastrinaemia Long-term omeprazole association (Armstrong 610 Com) (Dawson and Manson 1770 C)

Hyperhidrosis Episodic hypothermia with, due to frontal focal epileptiform disorder and postpartum sleep deprivation (case report) (Lowenthal et al 2064)

Hyperinsulinaemia Early androgenetic alopecia as marker (Matilainen et al 1165 R) (Kasperlik-Zaluska and Godziejewska 2010 C); Polycystic ovary syndrome association and first paper published on (1921) (Jeffcoate and Kong 1183)

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Hypermobile joints In Sjögren's syndrome (Nanke et al 1550)

Hyperopia Laser therapy (Seitz and Langenbucher s26)

Hyperparathyroidism Parathyroidectomy role and debate over (Nordenström and Zedenius 512 C)

Hyperprolactinaemia Protease inhibitors associated (Hutchinson et al 1003 R)

Hypersensitivity To antiretroviral therapy (Carr and Cooper 1424); Contact, sun-mediated suppression and skin cancer pathogenesis (Leffell 699 Com); Delayed, to HPV in cervical dysplasia (Höpfl et al 1985 R)

Hypertension Associated with orlistat (316 N); Blood pressure decrease in pregnancy (case report) (Murakami et al 1980); Calcium antagonists *vs* diuretics and ß-blockers (randomised trials) *see* Antihypertensive drugs; In chronic renal failure and effect on cardiovascular disease risk (Baigent et al 148); Dexamethasone-suppressible (Stewart 697 Com); Exercise testing (Ashley et al 1595 S); Life-years saving by cholesterol-lowering therapy in smokers/non-smokers (viewpoint) (Bonneux 2004); Metastatic adrenocortical carcinoma causing Conn's syndrome (case report) (Rossi et al 1570); Mineralocorticoid receptor mutation in pregnancy associated (140 N); Pre-eclampsia (Walker 1260 S); Prevention in Africa (Cappuccio et al 677 C) (Yikona 678 C); Primary pulmonary see Pulmonary hypertension; Systolic blood pressure and mortality (Kondo 682 C) (White 682 C) (Marshall 683 C) (Port 683 C); *See also* Antihypertensive drugs; Blood pressure

Hypertensive emergencies (Vaughan and Delanty 411 S); Epidemiology/pathophysiology/clinical evaluation and management (Vaughan and Delanty 411 S) (Uwaifo 1442 C) (Kriegisteiner et al 1443 C)

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Hyperthermia Regional, for rectal cancer (Hildebrandt et al 771 C) (van der Zee et al 772 C)

Hyperthyroidism Contrast associated in isolated ACTH deficiency (case report) (Beckers et al 908); Muscle weakness (Klein and Ojamaa 614 Com)

Hyperventilation Management in traumatic brain injury (Ghajar 925 S)

Hypnotic paralysis Imaging and implications for conversion hysteria (Terao and Collinson 162 C) (Halligan et al 163 C)

Hypoammonaemia In inborn errors of metabolism (review) (Leonard and Morris 586)

Hypobaric hypoxia Coagulation activation association (Bendz et al 1657 R)

Hypocortisolism Isolated ACTH deficiency causing (case report) (Beckers et al 908)

Hypocretin Low CSF levels in narcolepsy and possible hypocretin mRNA defect (Morris 835 N)

Hypoglycaemia In inborn errors of metabolism (review) (Leonard and Morris 585); Nocturnal, risk reduced by insulin glargine (Bolli and Owens 443 Com) (Berger 2013 C); Symptom threshold in type 2 diabetes and mechanism of hypoglycaemic counter-regulation (Gerich 1946 Com) (Spyer et al 1970)

Hypokalaemia Adrenocortical carcinoma causing Conn's syndrome (case report) (Rossi et al 1570)

Hyponatraemia Lamotrigine in cranial diabetes insipidus association (Mewasingh et al 656 R)

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Orthostaticlinked to initiation of dopamine agonist treatment (Larkin 1416 N); in Parkinson's disease (Weber 917 N)

Hypothalamic hamartoma Gelastic epilepsy caused by (Engelborghs et al 940 C)

Hypothermia Benefits in early stroke management (835 N); Episodic with hyperhidrosis (EHH), due to frontal focal epileptiform disorder and postpartum sleep deprivation (case report) (Lowenthal et al 2064); Retrograde cerebral perfusion during circulatory arrest (Ono et al 1323 R); In South America (Iglesia-Rogers 408 N)

HypothesisChoice of partner and high frequency of connexin-26 deafness relationship (Nance et al 500) Endotoxin-lipoprotein hypothesis (Rauchhaus et al 930) Evolutionary adaptation of inflammatory immune responses in human beings (Le Souëf et al 242)

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Hypoxia Acute hypobaric associated with coagulation activation (Bendz et al 1657 R); Chemoreflex sensitivity to in chronic heart failure reduced by yoga and yoga breathing (Spicuzza et al 1495 R) (1612 correction); Impaired chemosensitivity in Parkinson's disease (Onodera et al 739 R) (Onodera et al 2099 C) (Röggla et al 2099 C) (Kanda et al 2100 C)

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Inflammatory diseases Selenium deficiency effects (Rayman 233) (Ørskov and Flyvbjerg 942 C) (Fryer 943 C) (Sher 943 C) (Yusuf 943 C)
Inflammatory response Evolutionary adaptation (hypothesis) (Le Souëf et al 242) (O'Byrne and Dalgleish 1033 C) (Greaves 1034 C)
Infliximab Effect on spondyloarthropathy in Crohn's disease (Van den Bosch et al 1821 R); Failure mechanisms in Crohn's disease (Nikolaus et al 1475)
Influenza Oseltamivir efficacy and safety (1856 correction); Zanamivir guidelines changed in UK (Ramsay 1830 N)
Information For educators, website (Larkin 690); Electronic medical journals on web and role to narrow information gap (Godlee et al 1129 Com); Medical see Medical information; Written, for patients in palliative care units (Albert 434 C)
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Ingelfinger rule Rationale for, give-away literature/research papers and current status (Harnad s16)
Inhalers CFC, to be phased out by 2005 and measures to help transition (Woodcock 2166 N)
Innervation Cutaneous, of hand allograft (Kanitakis et al 1738 R)
Innominate artery Occlusion causing transient ischaemic attacks and limb shaking in syphilitic aortitis (case report) (Brotman and Fotuhi 1734)
Insecticides Resistance in mosquitoes but reduced transmission of *Wuchereria bancrofti* (Hargreaves 1499 N)
Insects Website (Larkin 605)
INSIGHT study Calcium antagonists *vs* diuretics in hypertension (randomised trial) (MacMahon and Neal 352 Com) (Hansson et al 359) (Brown et al 366) (514 correction) (Achard et al 1926 C) (Bertram 1926 C) (García-López and de Alvaro 1926 C) (Avanzini and Tognoni 1927 C) (Fournier et al 1927 C) (Palmer et al 1928 C) (Hansson et al 1929 C) (Kjeldsen et al 19239 C)
Institute of Medicine (IOM) More HIV-prevention efforts needed (Newman 1252 N); Report on quality and combating medical errors (Ibrahim et al 166 c) (Cook 167 C) (Steinberg 167 C)
Institute for Public Policy Research Long-term effects of smacking children and implications (1 E)
Insulin Adverse reactions and industry influence on consultants (Kiln and Hirst 1359 C); Formulations (Bolli and Owens 443 Com) (Berger 2013 C); Gene therapy for diabetes (Butcher 1987 N); Intermediate-acting (neutral protamine Hagedorn) (Bolli and Owens 443 Com); Oral administration for tolerance induction in autoimmune type 1 diabetes (randomised trial) (Gale 526 Com) (Chaillous et al 545)
Insulin glargine (long-acting insulin analogue) (Bolli and Owens 443 Com) (Berger 2013 C)
Insulin resistance Early androgenetic alopecia as marker (Matilainen et al 1165 R) (Kasperlik-Zaluska and Godziejewska 2010 C); As late complication of bone marrow transplantation (Socié 957 Com) (Taskinen et al 993); Polycystic ovary syndrome association and first paper published on (1921) (Jeffcoate and Kong 1183)
Insulin-degrading enzyme (IDE) Gene as risk factor for Alzheimer's disease (Butcher 2161 N)
Insulin-like growth factor binding-protein 3 (IFBP-3) Measurement to improve sensitivity of prostate cancer screening (Wolk et al 1902 R)
Insulin-like growth factor I (IGF-I) Impact of selenium administration (Rayman 233) (Ørskov and Flyvbjerg 942 C); Measurement in diagnosis of growth hormone deficiency in adults (Ho 1125 Com); Measurement to improve sensitivity of prostate cancer screening (Wolk et al 1902 R)
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Biomedical Research (Bradbury 1334 N)
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INTERCEPT trial Diltiazem after thrombolysis in myocardial infarction (Drummond 1604 C) (Boden 1605 C)
Interferon alfa Ribavirin with and recovery from chronic hepatitis C (Fontaine et al 41 R); Therapy for chronic hepatitis and coeliac disease onset during (Cammarota et al 1494 R)
Interferon alfa-2b In Behçet's disease: scientific misconduct and retraction from record (Horton 1292 Com) (Demiroglu 1351 C) (Dündar and Özcebe 1351 C) (Eldem 1351 C) (Sayek 1351 C); HLA molecule expression analysis before, in melanoma (Wagner et al 220 R)
Interferon-γ Association of dinucleotide repeat in non-coding gene region with severity of rheumatoid arthritis (Ollier 783 Com) (Khani-Hanjani et al 820) (Keown et al 2191 C) (Vandenbroeck et al 2191 C) (Lanchbury et al 2192 C); Chemotherapy with, for primary treatment of ovarian cancer (Berek 6 Com)
Interleukin-2 receptor Antibody-induced alterations of ciclosporin requirements in paediatric transplant patients (Strehlau et al 1327 R)
Interleukin-5 (IL-5) blocking monoclonal antibody Effect on eosinophils, airway hyper-responsiveness and asthmatic response (Boushey and Fahy 2114 Com) (Leckie et al 2144)
Interleukin-10 Anti-inflammatory effects and parasite-induced increase explaining hygiene hypothesis (Holt 1699 Com) (van den Biggelaar et al 1723)
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Intermittent mandatory ventilation (IMV) Concerns in neonates and relationship to patient-triggered ventilation (Soll 90 Com) (Donn et al 1606 C) (Soll 1606 C)
Internal carotid artery Response to carbon dioxide in polycystic ovary syndrome (Lakhani et al 1166 R)
International Agency for Research on Cancer Discrediting by tobacco industry (Greenberg 336 C) (Denson 337 C)
International AIDS Vaccine Initiative (IAVI) Role in AIDS prevention and vaccine development (85 E)
International Association of Medical Licensing Authorities Proposal for detecting misconduct/incompetence by physicians and dentists (351 E)
International Campaign to Ban Landmines Slow but steady eradication (Ahmad 1012 N)
International Conference on Population and Development Social model of birth to improve safety and (Misago and Murphy-Lawless 78 C)
International Data Base Website (Larkin 1039)
International Family Planning Perspectiv Call for increased commitment for reproductive health promotion for refugees (Hargreaves 1910 N)
International Health Regulations Epidemic Prevention not panic and need for global solutions (viewpoint) (Giesecke 588)
International Huntington Association Predictive testing for Huntington's disease (Hayden 1944 Com)
International Liaison Committee on Resuscitation CPR guidelines for lay people (McCarthy 741 N)
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Internet Corporation for Assigned Names and Numbers New top-level internet domain (".health") proposed by WHO (Morris 1664 N)
Interphalangeal joints Multiple dislocation of distal joints in Sjögren's syndrome (Nanke et al 1550)
Intervention as a Goal in Hypertension Treatment (INSIGHT) study *see* INSIGHT study
Intestinal flora Role in gastrointestinal diseases (Marteau s28)
Intestinal lymphoma Cryptic and refractory sprue linked (Isaacson 178 Com) (Cellier et al 203)
Intestinal pseudo-obstruction In chronic inflammatory polymyositis (case report) (Rigby et al 1898)
Intra-aortic balloon counterpulsation Cardiogenic shock in acute coronary syndromes (review) (Hasdai et al 753) (Hauptman 1687 C) (Piovan et al 1687 C)
Intra-arterial thrombolysis For hyperacute stroke (Nawashiro and Fukui 1111 C) (Barber et al 1112 C)
Intracranial haemorrhage Risk with bolus *vs* infusion thrombolytic therapy (meta-analysis) (Mehta et al 449) (Collen and Sobel 1848 C) (Menown and Adgey 1848 C) (Andreotti 1849 C) (Armstrong et al 1849 C) (Mehta et al 1850 C)
Intracranial pressure Monitoring in traumatic brain injury (Ghajar 926 S)
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"Inverse equity hypothesis" Child health inequality trends explanation (Victora et al 1093)
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Ionisation *Legionella* control in drinking water (Hayes 773 C) (1360 correction)
Iraq Children and responsibility for (Needham et al 514 C); Intellectual embargo and sanction-breaking to help children (Gathergood and Rolstone 78 C); Life after sanctions (Eastman-Abaya 685 C) (Wakai 685 C); UN report emphasising hardship and problems (Ahmad 1092 N)
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Irritable bowel syndrome Bacterial overgrowth causing (2073 N); Drug (Lotronex - alosetron) withdrawn (1912 N) (2023 E); FDA report on alosetron (Lotronex) and doubts (Barbehenn et al 2009 C) (Mangel 2009 C)
Irritant contact dermatitis Stinging with use of alcoholic disinfectant on hands as early sign (Lübbe et al 768 C)
Islamic medical manuscripts Website (Larkin 263)
Islet cells New culture method developed for transplantation (Bradbury 141 N)
Isocitrate lyase In *Mycobacterium tuberculosis* and role in survival (Ashraf 658 N)
Isoniazid Post-treatment, effect on prevention of recurrent TB in HIV-1 positive patients (randomised trial) (Fitzgerald et al 1470)
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Israel Acting health minister appointed (Fishman 748 N); Coronary heart disease mortality among Arab and Jewish residents in Jerusalem (Kark et al 1410 R); Doctors strike ended after wage structure agreed (Fishman 322 N); Judicial intervention on use of new medical technologies (Fishman 1089 N); Research funding crisis, problems and responses (Fishman 53 N); Water supply and quality crisis (Fishman 319 N)
Israel Cancer Association Concerns over water quality (Fishman 319 N)
Italy Continuous medical education for doctors (Simini 2078 N); Doctors and their qualifications listed on Internet to curb practice by unqualified persons (Simini 1501 N); Medical negligence as crime (Jourdan et al 1267); Neonatal blood microtransfusions in 1960s associated with HCV infection (De Paschale et al 1572 R); Role of medicolegal doctors (Jourdan et al 1267)
Ivermectin *Loa loa* prevalence mapping in relation to use in Africa (Thomson et al 1077 R) (1198 correction)

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Jabs & Jibes 2+2 may (or may not) yield 4 (Erill 2110); A clinician's guide to NHS management (Dorman 1940); Before the fall (Horowitz 1862); Biased publication: a tautology (Albert 692); Caring for the sick (Morris 264); Coffee mug thoughts (Burch 1618); Don't shoot the translator (Jack 1452); Harvest festival (Kandela 1366); Heaven help our hospitals (Greenbaum 1284); "If you want to be a famous doctor..." (Simini 1042); Injury is the best defence (Shenfield 1780); Innumerable (Eastwood 952); On a jab (Burch 2022); Looking back (Kandela 2206); Married to medicine (Kronik 520); Mobile moan (Guidi 606); "Queer people enjoying anatomy" (McLachlan 866); Research into research (Dhatariya 84); Sisyphus and the outpatients (Boulis 350); Thanks....er (Davies 1534); The AIDS Epidemic: Lessons Learned? (Merson and Rosenfield 1204); The doping of fairness (Erill 1122); The German in the grass (Kenyon 1696); The short straw (Mullan 176); What shall we tell the children? (Cooper 780); Wilde times (Kirklin 440)
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Japan Medical Association (JMA) Medical costs and income of physicians (Suzuki et al 598 C) (Watts 598 C)
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Jehovah's Witnesses Blood policy, changes and court order for transfusion against wishes of child and parents (Sharp 8 Com) (Yate et al 69 C) (Sanderson 1114 C) (Gupta and O'Neill 1115 C) (Hewson 1115 C)
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"Junk science" Public understanding of science and misunderstandings (1781 E)
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KAMEDO Swedish disaster-medicine study organisation (Kulling and Norberg s20)
Kandel E Nobel Prize in Physiology or Medicine awarded (Butcher 1331 N); Work on memory mechanisms and interview (Larkin 1250 N)
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Kenya Deaths from methanol in alcoholic beverage (Ahmad 1911 N); HIV voluntary counselling and testing and cost-effectiveness (Van de Perre 86 Com) (Sweat et al 113) (Moses et al 1602 C) (Sweat and Coates 1602 C) (Coates et al 1603 C) (Decosas 1603 C) (Müller 1604 C); HIV voluntary counselling and testing efficacy (randomised trial) (Van de Perre 86 Com) (Voluntary HIV-1 Counseling and Testing Efficacy Study Group 103)
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Life expectancy Russia (Demine s49)
Life years Saving by cholesterol-lowering therapy in smokers/non-smokers (viewpoint) (Bonneux 2004)
Lifeline Aksoy S 2022; Ashcroft R 440; Bobrow M 520; Brooke J H 1042; Burgess M 606; Daar A S 1618; Gillon R 1122; Haque A 952; Hartwell L 1534; Lolas F 1284; Lynch T 176; Macer D R J 866; McVie G 1862; Marusic A 1780; Morioka M 1452; Newson A 1204; Norton (guide dog) 2206; Sacks O 84; Serour G I 692; Silove D 350; Solomon S 780; Tealdi J C 1940; Thakur C P 1366; Thomas E J 2110; Tufte E 1696; Unschuld P U 264
Lifespan No fixed limit to human lifespan and demographic data (Larkin 1249 N) (Wildner 2103 C)
Lifestyle Changes to reduce prevalence/complications of type 2 diabetes (Mann 1454 Com); Healthy, new year's resolutions (Larkin 2164 N)
Life-table analysis Cholesterol-lowering therapy in smokers/non-smokers (viewpoint) (Bonneux 2004)
Limb shaking Transient ischaemic attacks from innominate artery occlusion causing in syphilitic aortitis (case report) (Brotman and Fotuhi 1734)
Limbic encephalitis Paraneoplastic syndrome in non-Hodgkin's lymphoma presenting with tinnitus (case report) (Javaheri et al 308)
Limbs Paresis after stroke and effect of deep brain stimulation (Phillips and Bhakta 222 R)
Linkage disequilibrium (LD) Genetic association studies in complex disease (Burgner and Hull 599 C)
LIPID study Pravastatin effects in unstable angina (Tonkin et al 1871)
Lipid-lowering agents Effect on dementia risk (Jick et al 1627); For smokers and non-smokers (life-table analysis) (viewpoint) (Bonneux 2004); *See also* Statins
Lipids Atherogenic profile in elderly with ischaemic cerebrovascular disease (Cuchel et al 401 R)
Lipodystrophy Antiretroviral therapy associated (Carr and Cooper 1425); Sonographic assessment of regional fat in HIV-1 infection (Martínez et al 1412 R)
Lipoprotein (a) In chronic renal failure and effect on

cardiovascular disease risk (Baigent et al 149); Coronary heart disease association (Ramsay 917 N)
Lipoproteins In chronic heart failure and endotoxin-lipoprotein hypothesis (Rauchhaus et al 930) (Clunn et al 2097 C) (Mohrschladt et al 2097 C)
Lisinopril Omapatrilat vs in congestive heart failure and angio-oedema adverse effect (IMPRESS randomised trial) (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction)
Literature and medicine Narrative and practice of medicine (Hurwitz 2086); Robert Louis Stevenson and medical negligence (Richardson 2171); Teaching literature and medicine to medical students (Skelton et al 1920) (Skelton et al 2001)
Lithium Increase in brain grey matter with (Moore et al 1241 R) (2104 correction); Upregulation of bcl-2 (Moore et al 1241 R) (2104 correction)
Litigation Breakdown in trust between doctors and patients in Ireland (Cusack 1431); Crisis in Ireland in obstetrics (Birchard 664 N)
Liver New cell development from bone-marrow cell transplants (Rowe 48 N) (Baum 1029 C); Oxidative-phosphorylation defects in Wilson's disease (Gu et al 469)
Liver disease Acute parenchymal in inborn errors of metabolism (review) (Leonard and Morris 584)
Liver transplantation Ganciclovir-resistant CMV disease in recipients and treatment duration effect (Drew 609 Com) (Limaye et al 645) (Legendre 1356 C); Normalised intrinsic mortality risk (European Liver Transplant Registry study) (Adam et al 621)
Loa loa Prevalence mapping in relation to ivermectin use in Africa (Thomson et al 1077 R) (1198 correction)
Logging Link to emerging infectious disease (Larkin 1173 N)
Lök V Sentencing in Turkey for defending human rights (503)
Lolas F (1284 L)
Loneliness Influence on dementia occurrence (Rabin 76 C) (Tilvis et al 77 C)
Long-term care Website (Larkin 1695)
Longevity Of atomic-bomb survivors (Cologne and Preston 303)
Longitudinal study Age-related intelligence decline and white matter lesions (IMPRESS randomised trial) (van Gijn 612 Com) (Garde et al 628) (Steffens et al 1686 C)
Losartan Captopril vs in heart failure (ELITE II) (Gansevoort and van Veldhuisen 851 C) (Hall 851 C) (Meyer 851 C) (Lye 852 C) (Pitt and Poole-Wilson 852 C)
Lotronex (alosetron) Irritable bowel syndrome and doubts on FDA report (Barbehenne et al 2009 C) (Mangel 2009 C); Withdrawn (1912 N) (2023 E)
Low-birthweight infants Patient-triggered ventilation (PTV) (Soll 90 Com) (Donn et al 1606 C) (Soll 1606 C); See also Very low birthweight infants
Low-density lipoprotein (LDL) Modification linked to atherogenesis but limited evidence for protective role of antioxidants (antioxidant paradox) (Durrington and Mackness 165 C) (Goudev et al 165 C) (Fryer 166 C)
Low-density lipoprotein (LDL) cholesterol Reduction by stanol and sterol ester-containing margarines (Bradbury 1006 N)
Low-fat diet Prostate cancer risk reduction (Bonn 1248 N)
Low-molecular-weight heparin (LMWH) Aspirin vs in ischaemic stroke (Pereira and Warburton 504 C) (Toni et al 504 C) (Berge et al 505 C); Pharmacology and mechanism elucidation (Senior 1006 N); Pulmonary Embolism Prevention (PEP) (Cimminiello 247 C) (Cohen and Quinlan 247 C) (Mahé et al 248 C) (Smulders 248 C) (Tauzeeh 248 C) (Kalsi 249 C) (Parker 249 C) (Thomas 249 C) (Collins et al 250 C); Unfractionated heparin vs in acute coronary syndromes (600 correction) (Cohen and Turpie 1193 C) (Eikelboom et al 1193 C)
Lumbar vertebra In paravertebral gutter in tuberculosis (Gandhi et al 1485)
Lung *M tuberculosis* DNA persistence in superficially normal tissue during latent infection (Bishai 2113 Com) (Hernández-Pando et al 2133)
Lung cancer Aetiological mechanism due to p53 mutation selection by smoking (Larkin 1499 N); Awareness/priority needed and reasons for relative neglect (1205 E); Detection by spiral CT (Hutchinson 742 N); Drug resistance and role of suramin (226 N); Mortality/prevalence statistics (1205 E); In non-smokers (Karnauchow 336 C); Risk reduction by isothiocyanates and glutathione S-transferases (GTSTM1/GSTT1) polymorphisms (London et al 724) (2104 correction); Screening and cautions on over-use (Mayo Lung Project) (Hutchinson 742 N); Tokyo Declaration at 9th World Conference on Lung Cancer and initiatives against smoking (Harrigan 1173 N)
Lupus Drug-induced (Knowles et al 1588); See also Systemic lupus erythematosus
Luxembourg Medicine at European Court of Justice (Bourke 1514)
Lymph nodes Sentinel node biopsy in breast cancer (Jones et al 682 C) (Nieweg et al 1770 C)
Lymphatic filariasis Campaign launched in Pacific Islands (Dean 143 N); Reduced transmission by insecticide-resistant mosquitoes (Hargreaves 1499 N); See also *Wuchereria bancrofti*
Lymphocytes IL-2 and OKT3-stimulated for immunotherapy in hepatocellular carcinoma (randomised trial) (Jones et al 784 Com) (Takayama et al 802) (1690 correction); Natural cytotoxic activity and cancer incidence (Imai et al 1795); See also T-cells
Lymphocytic colitis Acarbose inducing (Piche et al 1246 R)
Lymphoma AIDS-related primary CNS, EBV-targeted therapy (Slobod et al 1493 R); Detection of rare malignant cells in CSF by immunocytochemistry (Kranz 1242 R); T-cell (cryptic) and refractory coeliac sprue link (Isaacson 178 Com) (Cellier et al 203); See also Non-Hodgkin's lymphoma
Lynch T (176 L)

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McVie G (1862 L)
Maggot therapy As promising alternative for wound infection and MRSA (Bonn 1174 N) (Jarvis 2016 C)
Magnetic endoscope imaging (MEI) Effect on colonoscopy performance (randomised trial) (Shah et al 1718)
Magnetic resonance cholangiopancreatography Pancreatic cancer detection (Adamek et al 190) (Geier et al 1607 C)
Magnetic resonance imaging (MRI) Coronary bypass surgery success prediction and case selection (1743 N); Diffusion, assessment of early response to brain tumour therapy (Bradbury 2162 N); Functional, of expert mnemonists (Butcher 836 N); In-utero for prenatal planning for conjoined twins (Hargreaves 659 N); Increased pulvinar sign in second French case of variant CJD (Oppenheim et al 253 C); Pulvinar sign in variant CJD (170 correction); In rheumatoid arthritis (Boers 1458 Com); White matter lesions in elderly (van Gijn 612 Com) (Garde et al 628) (Steffens et al 1686 C)
Major histocompatibility complex Class II expression inhibited by statins (Senior 1906 N); See also HLA
Malaria Acquired anaemia and polycythaemia (Rougemont et al 251 C); Atovaquone-proguanil (Malarone) vs chloroquine-proguanil for prophylaxis and concerns over costs/resistance (randomised trial) (Nosten 1864 Com) (Høgh et al 1888); Cerebral, in children and phenobarbital effect on seizures (Crawley et al 256 C) (Verhoef et al 256 C); Chloroquine-resistant and gene associated (McCarthy 1582 N); Concerns over possible DDT ban due to applying "precautionary principle" (265 E) (Roberts et al 330); Control by house-spraying with DDT and toxicity (Smith 267 Com) (Roberts et al 330) (Liroff 1189 C) (Rogan 1189 C) (Ross 1189 C) (Schettler et al 1189 C) (Cormican et al 1190 C) (Watterson 1191 C); DDT exemption from ban for use in control programmes (Kapp 2076 N); Eradication on islands (Kaneko et al 1560); Increased prevalence in HIV-1 infection (Taylor and Hoffman 1046 Com) (Whitworth et al 1051) (2016 correction); *P falciparum*, artesunate-mefloquine combination effect on incidence and mefloquine resistance (Nosten et al 297); *Plasmodium* merozoite escape mechanism from red cells (Senior 2072 N); Regional Malaria Control Programme website (Larkin 1203); Roll Back Malaria (RBM) implementation and donor responsibilities; Roll Back Malaria (RBM) partnership meeting and strategy (Morris 144 N); Severe with impaired cerebral function or cerebral malaria? (Enwere 860 C) (Pearson 1768 C); Susceptibility of pregnant women (Martinez Espinosa et al 685 C); Teaching mothers for home treatment in Ethiopia (randomised trial) (Kidane and Morrow 550); Vaccine progress using liver-stage antigen (Senior 1660 N)
Malarone Chloroquine-proguanil vs in malaria prophylaxis and concerns over costs/resistance (randomised trial) (Nosten 1864 Com) (Høgh et al 1888); Donation programmes (Doherty 339 C) (Buse 340 C) (Dowdle and Olukayode Oyediran 340 C)
Malathion Wet-combing vs for head lice treatment (randomised trial) (Chew et al 523 Com) (Roberts et al 540) (Hill 2007 C) (Ibarra et al 2007 C) (Richards 2007 C) (Downs et al 2008 C) (Roberts et al 2008 C)
Malaysia Nipah virus infection in pigs and natural reservoir (Ahmad 230 N)
Males Aggressive and anxiety effects of nicotine (Jarrett 226 N); Body image misperceptions and muscle dysmorphia as disease entity (Morgan 1372 Com); Non-fatal neurodevelopmental disorder (Rett syndrome) due to somatic mosaicism of MECP2 mutation (Clayton-Smith et al 830 R); Publicising of names of those convicted of domestic violence in Spain (Bosch 1421 N)
Malignant cells Detection in CSF by immunocytochemistry (Kranz 1242 R)
Malnutrition *Escherichia coli* infections and (Fagundes Neto and Affonso Scaletsky s27)
Malpractice see Medical malpractice
Mammography Investment in Belgium (1254 N); Meta-analysis of effects of screening (Wilcken et al 1275 C) (Gøtsche and Olsen 1276 C); Programme take-up to be improved in Austria (Röggla 410 N); Screening of 50-59 year old groups challenged by Canadian study (1087 N); Usefulness and influence on high profile of breast cancer (1205 E)
Margarines Sterol esters and stanol in and LDL cholesterol reduction (Bradbury 1006 N)
Marijuana (cannabis) Canadian government advised by court to relax laws for patients (Kondro 575 N) (Cohen 1359 C); "Right to grow" in Canada (Kondro 2168 N)
Marketing misconduct Merck Sharp & Dohme prosecuted for bonuses/presents for doctors (Weber 1832 N)
Marriage Connexin-26 deafness linked to choice of partner (hypothesis) (Nance et al 500)
Marusic A (1780 L)
Marzouki M Tunisian human rights activist dismissed from clinical post (Welsh 493 N)
Mastectomy Prophylactic, cultural factors affecting decisions (Julian-Reynier et al 1687 C)
Mastoidectomy During Oscar Wilde's terminal illness (Robins and Sellars 1841)
Maternal blood Clonal culture of fetal cells (Tutschek et al 1736 R)
Maternal cell transfer Chimerism in juvenile dermatomyositis and (Reed et al 2156 R); Neonatal disease and juvenile idiopathic inflammatory myopathy due to (Artlett et al 2155 R)
Maternal health Poor level and lack of health care services (Ahmad 1085 N)
Maternal microchimerism see Microchimerism
Maternal mortality In Latin America and Caribbean (Schwarcz and Fescina s11)
Maternal plasma Prenatal diagnosis of fetal Down's syndrome (Poon et al 1819 R); Prenatal DNA diagnosis of single-gene disorder (Saito et al 1170 R)
Matesanz R Dismissed as president of Committee of Experts on Transplants at Council of Europe (Bosch 1253 N)
Mathematics Card shuffling (Sharp 1374 Com)
MATHS syndrome (muscle pain) Allergy, tachycardia and tiredness and headache (Matthews and Campbell 511 C)
May R President Elect of Royal Society and interview/background (Bradbury 406 N)
Mayo Lung Project (MLP) Cautions on over-use of lung cancer screening (Hutchinson 742 N)
Measles Effect of stopping immunisation (Peltola s22); Eradication close in Americas (McCarthy 1247 N); Live-virus vaccine administered by US scientists (1960s) to Amazon Indians and deaths associated (McCarthy 1247 N)
Measles, mumps and rubella (MMR) vaccine Autism link (Iizuka et al 160 C) (Roger 160 C) (Elphinstone 161 C) (Gallup 161 C) (Thrower 161 C) (O'Leary 772 C) (Taylor et al 1273 C) (Birchard 1665 N); Public hearings in Ireland (Birchard 1665 N)
Meat and bone meal (MBM) BSE transmission origin outlined in Phillips report (Ashraf 1579 N)
MECP2 Somatic mutation as non-fatal neurodevelopmental disorder (Rett syndrome) in males (Clayton-Smith et al 830 R)
Medawar C Risks of direct-to-consumer drug advertising (607 E)
Médecins Sans Frontières (MSF) Call for laboratory support and tuberculosis control (Fiorentino et al 434 C); Fluconazole access in developing countries (Perez-Casas et al 2102 C)
Media Adverse response to openness on disinfection problems (Gortner et al 2015 C); Interest in mental health and crime (Draine s48); Scare over antihypertensive therapy (Kaplan 1933 C); Sex-offence laws to be reconsidered in UK after campaign (Dean 745 N); Underuse of TV/cinema for HIV prevention (Bhattarai 773 C); See also Television
Mediastinal haemorrhage Spontaneous, presenting with chest pain, syncope and mediastinal widening (case report) (Armstrong et al 1322)
Mediastinal widening In spontaneous mediastinal haemorrhage (case report) (Armstrong et al 1322)
Medical Council of India President under tax investigation (Sharma 573 N)
Medical education In Cambodia (Weber 144 N); Continuous medical education in Italy (Simini 2078 N); Drug company influence in US (781 E); Eraritjaritjaka and changes over two decades, lack of generalists/training in clinical skills and need to reconsider teaching (Nauwelaers 2169); Pharmaceutical industry-backed companies criticised in US (McCarthy 494 N); See also Education; Training
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Criticism in US (McCarthy 494 N)
Medical errors Methods to combat and IOM report (Ibrahim et al 166 c) (Cook 167 C) (Steinberg 167 C); New guidelines for handling in Japan (Watts 54 N); New scandals possible in UK (54 N); Proposal for international system to detect/record incompetence/misconduct (351 E); Reporting and underestimation problem (Krizek 773 C); Single errors and need for medical inspectorate (Pickering 1933 C)
Medical history Amputation in 2nd century Rome (Weaver et al 686 C); Beethoven's death due to lead poisoning (Senior 1498 N)
Medical history, department Anatomy at University of Vienna (Seidelman and Israel 343 C); Ancient Egyptian prosthesis of big toe (Nerlich et al 2176); Bastian H C's neurological texts and unorthodox biology (Jellinek 2180); Diabète des femmes à barbe (hyperandrogenism and insulin resistance link to polycystic ovary syndrome) (Jeffcoate and Kong 1183); European cardiology: 50 years (Verheugt et al 671); Herculaneum victims of volcanic eruption of Vesuvius (Capasso 1344); Hippocrates ridens (laughing Hippocrates): 17th century medico-political journal (Colman 2184); Map-making and myth-making in Broad Street (London cholera epidemic 1854) (Brody et al 64) (Morens 1688 C) (Plaut 1688 C) (Vandenbroucke 1688 C) (Brody et al 1689 C); Oscar Wilde's terminal illness (Robins and Sellars 1841); Treves W and relief of Ladysmith (Jeffcoate 418)
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Medical inspectorate Role in complaints and single medical errors (Pickering 1933 C)
Medical insurance Japan's health system "close to collapse" without increase (Watts 1251 N)
Medical junk mail Extent in US (Montauk 344 C)
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Medical misconduct international system for prevention (351 E); *See also* Medical malpractice; Scientific misconduct
Medical museum Hodgkin's cylinder (Richardson 2200 D); Jenner's cowskin (Richardson 1858 D); Mary Rose's surgeon's chest (Richardson 1200 D); Merlin's gouty chair (Richardson 1530 D); Pollard's calculus (Richardson 862 D)
Medical negligence Contributory negligence of patient and (US cases) (Corcoran 1212 Com); As crime in Italy (Jourdan et al 1267); Lawsuit avoidance in Spain (Trilla and Bruguera 1266); Stevenson, Robert Louis and literature (Richardson 2171); *See also* Medical malpractice
Medical publications Access in Latin America (Weisinger and Bellorin-Font s15); Accuracy of references in leading journals (Siebers and Holt 1445 C); Company's attempt to block publication of negative HIV-1 vaccine study (McCarthy 1659 N); Consequences of reports of complications and public response (Gortner et al 2015 C); Effect of inclusion of grey literature in meta-analysis on estimates of intervention effectiveness (McAuley et al 1228); *Ethiopian Medical Journal* (Horton 1044 Com); Giveaway papers and current views on Ingelfinger rule (Harnad s16); Grey literature (unpublished studies) and effect on inclusion in meta-analyses (McAuley et al 1228); Hippocrates ridens (laughing Hippocrates): 17th century medico-political journal (Colman 2184); On internet and role to narrow information gap (Godlee et al 1129 Com); Language use and evidence-based illiteracy (O'Donnell 684 C) (Watine and Borgstein 684 C); Paediatric, narrow scope and initiatives in child health (Zuckerman et al 1626 Com); Readers/authors from developing countries and *The Lancet* supplement (Barbour and Kleinert 2118 Com); Research libraries opposition to Harcourt sale to Reed-Elsevier (Larkin 1664 N); *See also individual journals*
Medical qualifications Of Italian doctors listed on Internet to curb illegal medical practice (Simini 1501 N); Mutual recognition in Europe (Sharp 1212 Com)
Medical records see Patient records
Medical research Bias in reporting of industry-sponsored research and uncertainty principle (Djulbegovic et al 635) (Halpern et al 2193 C) (Nuesch and Dieterle 2193 C) (Djulbegovic et al 2194 C); Company's attempt to block publication of negative HIV-1 vaccine study and legal case against investigators (McCarthy 1659 N); Enthusiasm and funding promises from US Presidential candidates (Greenberg 1251 N); Ethical guidelines in Nepal (Sharma 1992 N); Funding crisis in Israel (Fishman 53 N); Give-away papers and current views on Ingelfinger rule (Harnad s16); Global strategy for bioethics sought and need for community benefits (Loff 1502 N); Investigator/industry/identity biases (Horton 959 Com); Patient-orientated, role of patents/intellectual property rights in stimulating (viewpoint) (Rees 849) (Korn and Meyer 2015 C) (Kaufman 2016 C) (Schäfer and Giagounidis 2016 C); Role of Wolfson Institute for Biomedical Research (Bradbury 1334 N); *See also* Biomedical research; Clinical research
Medical staff Hospital mortality in relation to workload (Tarnow-Mordi et al 185) (Bolsin 1356 C) (Miró et al 1356 C)
Medical students Teaching literature and medicine to (Skelton et al 1920) (Skelton et al 2001)
Medical technology New, judicial intervention in India after spinal arteriovenous malformation (Fishman 1089 N)
Medical tests Randomised comparisons, invalid and inefficient (viewpoint) (Bossuyt et al 1844)
Medicare (Canada) Technology investments demanded (Kondro 747 N)
Medicare (US) Dartmouth Atlas of Cardiovascular Health Care (Newman 660 N)
Medicine As career and Irish doctors' dissatisfaction (Birchard 1585 N); Conventional and "climate change" on views of complementary medicine (2023 E); Mainstream and traditional integrated in India (Sharma 1665 N); Mentoring, review process and stakeholders (Bulstrode and Hunt 1788 Com); Narrative and (Hurwitz 2086); Nepal (Basnyat s1); As profession and need for more concern over patients and less on professional rights (1453 E); Professionalism, threats to, role/nature/evolution and future needs (viewpoint) (Cruess et al 156); Websites (Larkin 517 C)
Medicine and law, in Europe Euthanasia in Netherlands (van Craaikamp and Oosting 1512); Impact of European human rights law in UK (Brahams 1433); Ireland, breakdown of trust between doctor and patient (Cusack 1431); Italy, medical negligence as crime (Jourdan et al 1267); IVF for unmarried women in Netherlands (van Craaikamp and Oosting 1512); *The Lancet* series (Sharp 1212 Com); Legal regulation of doctors in Croatia (Bosnjak and Marusic 1349); Medicine at European Court of Justice in Luxembourg (Bourke 1514); Spain: avoiding lawsuits (Trilla and Bruguera 1266); Valid consent in Norway (Syse 1347); *See also* Law; Legislation
Medicine and literature see Literature and medicine
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Medicolegal doctors Role in Italy (Jourdan et al 1267)
Medicolegal issues *The Lancet* series (Sharp 1212 Com); *See also* Medicine and law, in Europe
Medicolegal precedents Treatment (transfusion) without consent in Jehovah's Witness (Sharp 8 Com) (Yate et al 69 C) (Sanderson 1114 C) (Gupta and O'Neill 1115 C) (Hewson 1115 C)
Mediterranean diet Olive oil marketing campaign and scientific consensus statement (Astrup et al 1786 Com)
Medline Accuracy of references in articles (Siebers and Holt 1445 C); Role in diagnosis of *Fasciola hepatica* infection from watercress (case report) (LaPook et al 218)
Mefloquine Malaria resistance and effect of artesunate-mefloquine combination (Nosten et al 297)
Melaena In Henoch-Schönlein purpura (case report) (Godkin et al 562)
Melanoma, malignant Basis of skin susceptibility to UV and role of patents in stimulating patient-orientated research (viewpoint) (Rees 849) (Korn and Meyer 2015 C) (Kaufman 2016 C) (Schäfer and Giagounidis 2016 C); Chemoresistance due to *BCL2* expression (Jansen et al 1728); Chemosensitisation by *BCL2* antisense therapy (Jansen et al 1728); Expression analysis of HLA molecules before interferon alfa-2b therapy (Wagner et al 220 R); Metastatic and immunotherapy progress (Hutchinson 1415 N); Vaccine, Clinical research suspended at University of Oklahoma College of Medicine after trial (McCarthy 320 N)
Melarsoprol For trypanosomiasis (Gordon 170 C)
Melatonin Decreased secretion after surgery (Cronin et al 1244 R)
Memory Brain region reactivated during sleep after learning new tasks (Larkin 405 N); Formation impaired by sleep deprivation (Butcher 1907 N); Kandel E 's work and interview (Larkin 1250 N); Loss, *Ginkgo biloba* treatment ineffective in elderly (Weber 1333 N); For names improved by "name game" (Butcher 49 N); Oxytocin gene role and social amnesia in mice with gene absence (Mullan 49 N); Short-term and long-term in fetuses (van Heteren et al 1169 R); Strategies to improve and expert mnemonists (Butcher 836 N) (Manuel 1611 C); Tip-of-the-tongue experiences and methods to reduce (Larkin 1743 N)
Meningioma Radiosurgery for and glioblastoma induction (Yu et al 1576 R)
Meningitis Abscess in dorsal pons and auditory hallucinations after (570 N); Cryptococcal see Cryptococcal meningitis; Tuberculous, Bastian H C's contribution and writings (history) (Jellinek 2180)
Meningococcal C conjugate vaccine Arthropathy and rash after (case report) (Suresh et al 1486)
Meningococcal disease Chemoprophylaxis for health care workers (Gilmore et al 1654 R); Secondary, risk in health-care workers (Gilmore et al 1654 R); Serogroup W135 in Hajj pilgrims (Taha et al 2159 R)
Meningococcal septicaemia Endotoxin-blocking agent and need for early diagnosis (randomised trial) (van Deuren and Brandtzaeg 954 Com) (Levin et al 961)
Meningococcal vaccines For Hajj pilgrims and travellers (Taha et al 2159 R); Serogroup B, low-avidity antibody produced in infants (Pollard and Levin 2065 R)
Meningococci ET-37, carriage of serogroup W-135 in The Gambia and implications for immunisation (MacLennan et al 1078 R); Underestimation in tonsillar tissue by nasopharyngeal swabbing (Sim et al 1653 R); *See also Neisseria meningitidis*
Meningoencephalitis Oscar Wilde's terminal illness (Robins and Sellars 1841)
Menopausal symptoms Variations with race and life style factors (Morris 916 N); Venlafaxine treatment for hot flushes (randomised trial) (Barlow 2025 Com) (Loprinzi et al 2059)
Menopause Surgical, sexual function restored by testosterone patch (916 N)
Mensa Website and quiz (Larkin 1695)
Menstrual dysfunction In young female athletes (Larkin 1007 N)
Menstruation Optional suppression and dangers (Grant 513 N)
Mental fatigue In multiple sclerosis (Senior 1332 N)
Mental health Legislation (viewpoint) (Sartorius and Emsley 2090); Research reorganisation in developing countries (viewpoint) (Sartorius and Emsley 2090)
Mental health hospitals Criticisms of, in Ireland (Birchard 574 N); *See also* Psychiatric hospitals
Mental illness Community care in US (Geller s40); Criminal behaviour *vs* and media interest (Draine s48); In India, challenges and initiatives (Murthy s39); Reasons for low recognition, global burden and international intervention programmes (Pirisi 1908 N); *See also* Psychiatric disease
Mental retardation/incapacitation Ethics of identification of patient with rare disease and (Parry 1036 C) (Shamsadini 1036 C); European clinical trials (Weber 2167 N) guidelines (Weber 2167 N)
Mentally ill In prison and developments in Latvia (Fedosejeva and Girgensons s47)
Mentoring In medicine, stakeholders and review processes (Bulstrode and Hunt 1788 Com)
Merck Sharp & Dohme Prosecution for bonuses/presents for Dutch doctors (Weber 1832 N)
MERLOT (Multimedia Educational Resource for Learning and Online Teaching) website (Larkin 1939)
MESTOS doctors As specialists and changes in Spain (Bosch 1586 N)
Meta-analysis Calcium antagonists *vs* other first-line antihypertensive therapy (He and Whelton 1942 Com) (Pahor et al 1949) (Blood Pressure Lowering Treatment Trialists' Collaboration 1955); Chemotherapy benefits in head and neck cancer (Brockstein 767 C) (Pignon et al 767 C); Colorectal cancer response to first-line chemotherapy and survival relationship (Kelsen 353 Com) (Buyse et al 373) (Croockewit et al 1771 C) (Meta-Analysis Group in Cancer 1771 C); Depression after stroke and no evidence for effect of lesion location (Carson et al 122); Effect of inclusion of grey literature on estimates of intervention effectiveness (McAuley et al 1228); Hysterectomy and urinary incontinence association (Brown et al 535) (Petros 1275 C) (Brown 2012 C) (Roovers et al 2012 C); Mammography effects (Wilcken et al 1275 C) (Gøtsche and Olsen 1276 C); Premenstrual syndrome treatment with SSRIs and diagnosis (Steiner 1126 Com) (Dimmock et al 1131); Risk of intracranial haemorrhage with bolus *vs* infusion of thrombolytic therapy (Mehta et al 449) (Collen and Sobel 1848 C) (Menown and Adgey 1848 C) (Andreotti 1849 C) (Armstrong et al 1849 C) (Mehta et al 1850 C); Unfractionated heparin *vs* LMWH in acute coronary syndromes (600 correction); *See also* Systematic reviews
Metabolic syndrome (syndrome X) As late complication of bone marrow transplantation (Socié 957 Com) (Taskinen et al 993)
Metabolism Energy efficient and role of ghrelin (Pound

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Mifepristone Call for reduction in drug-related deaths (Hall and Zador 7 Com) (Jones et al 1277 C); Ciprofloxacin adverse reaction after (Herrlin et al 2069 R)
Methanol In alcoholic beverage and deaths in Kenya (Ahmad 1911 N)
Methotrexate Treatment of endometriotic cysts (Fender and Prentice 429 C) (Mesogitis et al 430 C)
-Methylparatyrosine In schizophrenia treatment (Butcher 140 N)
Methylphenidate Approved for use for attention-deficit hyperactivity disorder in UK (1586 N)
Meticillin-resistant *Staphylococcus aureus* (MRSA) Decreased transmission by better hand hygiene in hospitals (Vandenbroucke-Grauls 1290 Com) (Pittet et al 1307) (2196 correction); Maggot therapy for wound infected by (Bonn 1174 N)
Mexico US-Mexico border and public health along (McCarthy 1020)
Mibefradil Cardiovascular disease therapy and adverse reaction (Angus et al 1287 Com)
Micro-immunofluorescence test (MIF) *Chlamydia pneumoniae* IgG seropositivity and deep vein thrombosis risk (Maraha et al 1606 C) (Koster et al 1607 C)
Microalbuminuria In chronic renal failure and effect on cardiovascular disease risk (Baigent et al 150)
Microchimerism In juvenile dermatomyositis (Reed et al 2156 R); Maternal, in juvenile idiopathic inflammatory myopathies (Artlett et al 2155 R)
Microgravity Effect on bone and space flight-related anorexia (Varma et al 681 C)
MICROHOPE study Ramipril effect on cardiovascular and microvascular outcome in diabetes (860 correction)
Microrobots Single-cell retrieval (48 N)
Microscopy Virtual (488 N)
Microvascular dysfunction Myocardial blood flow response to mental stress in coronary artery disease (Arrighi et al 310 R)
Microwaves Mechanisms of harmful effects of mobile phones (Dendy 1782 Com) (Hyland 1833 S)
Middle East Conflict and use of force investigated by Physicians for Human Rights (Ramsay 1748 N)
Middle-ear disease Oscar Wilde's terminal illness (Robins and Sellars 1841)
Midgley R Publication of Hippocrates ridens: 17th century medico-political journal (Colman 2185)
Midwives Need for increase in numbers to reduce non-emergency caesarean section rates (1697 E)
Mifepristone (Kubba et al 1917 S)
Migraine Effect of closure of right-to-left shunts on (Wilmshurst et al 1648); Effect on quality of life (Weber 1007 N); Improvement after removal of corrugator supercilii muscle (743 N)
Military personnel Anthrax vaccination in US slowed by vaccine shortage (Greenberg 491 N)
Milk Contaminated and food poisoning in Japan (Watt 573 N)
Millennium Festival of Medicine Global mortality/morbidity and poverty and need for global health strategies (Hargreaves 1741 N)
Milne A A Psychiatric disorders of Winnie-the-Pooh and colleagues (Butcher 2163 N)
Mineralocorticoid receptor Mutation in pregnancy associated with hypertension (140 N)
Mineralocorticoids Apparent excess, dexamethasone-suppressible hypertension (Stewart 697 Com)
Minerals Increased deposition in joints caused by *ank* gene defect (226 N)
Ministry of Agriculture, Fisheries and Food (MAFF) Role in BSE transmission highlighted in Phillips report (Ashraf 1579 N)
Minute ventilation In oxygen-induced hypercapnia (Calverley 1538 Com)
Miscarriage Selenium deficiency effects (Rayman 235)
Misconduct Physicians, international system for prevention (351 E); *See also* Medical malpractice
Mitochondria Increased stroke risk with A12308G polymorphism (Pulkes et al 2068 R); Toxicity of antiretroviral therapy (Carr and Cooper 1423)
Mitochondrial DNA Mutations of relevance to cancer (Hochhauser 181 Com); Recombination (Morris and Lightowlers 941 C)
Mitosis New checkpoint in prophase and *chfr* gene (Butcher 404 N)
Mitral regurgitation Assessment and management and downgrading during prepump transoesophageal echocardiography (Brasch et al 856 C)
MMR vaccine see Measles, mumps and rubella (MMR) vaccine
MN blood group Age of onset of asthma (Bottini et al 506 C)
Mnemonics Memorising strategies and expert mnemonists (Butcher 836 N) (Manuel 1611 C)
Mobile phones Brain cancer risk not increased by (Chande 2163 N); Epidemiological evidence of health risks and risk/benefits (Dendy 1782 Com) (Rothman1837 S); Safety concerns, and mechanism for harmful effects (Dendy 1782 Com) (Hyland 1833 S)
Molybdenum Contact allergy in coronary in-stent restenosis (Köster et al 1895)
Monaco A Career, research interests and genetics of complex diseases (Bradbury 1662 N)
MONICA Project Risk factor contribution to coronary events and coronary care (Mizgala and Schulzer 430 C) (Kuulasmaa et al 431 C) (Mizgala and Schulzer 431 C) (Tunstall-Pedoe et al 432 C)
Monkeys Robot arms driven by cortical signals (Morris 1743 N)
Monoclonal antibodies To interleukin-5 (IL-5) and effect on eosinophils, airway hyper-responsiveness and asthmatic response (Boushey and Fahy 2114 Com) (Leckie et al 2144); Trastuzumab (Herceptin), cardiotoxicity prediction by troponins (Sparano et al 1947 Com)
Mono-ocular occlusion Dyslexia treatment (Fawcett 89 Com) (Soothill 856 C)
Mood Selenium deficiency effects (Rayman 233) (Ørskov and Flyvbjerg 942 C) (Fryer 943 C) (Sher 943 C) (Yusuf 943 C)
Morgagni-Takayasu arteritis Background (Altschuler and Wheat 2013 C)
Morioka M (1452 L)
"Morning after pill" Improved access in UK (Ashraf and McCarthy 2071 N)
Morocco Child prostitution and AIDS spread (Kandela 1991 N)
Morphine Effectiveness of low doses after ß-arrestin-2 modulation (Chande 1989 N); Overdose and doctor found guilty of manslaughter over girl's death (Loff and Cordner 1909 N); Use in last week of life and end-of-life decision-making (Thorns and Sykes 398 R) (Zenz 1273 C)
Mortality Cardiovascular disease (Chockalingam s9), (Roger s10); Case-mix-adjusted, improvement in intensive care units by availability of intensivists (Vincent 695 Com) (Blunt and Burchett 735 R) (Raj et al 1773 C); Child, from abuse and neglect (Johnson s14); Children in Iraq (Eastman-Abaya 685 C) (Wakai 685 C): In hospitals in relation to staff workload (intensive-care unit study) (Tarnow-Mordi et al 185) (Bolsin 1356 C) (Miró et al 1356 C); Infant and child, in Palestinian refugees (Madi 312 R); Infant and perinatal, avoidable in less-developed countries (Merçon de Vargas s13); Maternal in Latin America and Caribbean (Schwarcz and Fescina s11); Sex ratio in Japan (Mizuno 738 R); UK Gulf War veterans (Macfarlane et al 17); *See also individual diseases/conditions*
Mosquitoes Attraction for pregnant women (Martinez Espinosa et al 685 C); Insecticide resistance but reduced transmission of *Wuchereria bancrofti* (Hargreaves 1499 N)
Mothers Training for home treatment of malaria in Ethiopia (randomised trial) (Kidane and Morrow 550); Working, society adjustment in Netherlands and birth rate increase (Weber 837 N); *See also entries beginning Maternal*; Parents
Motor functions Improvement in Huntington's disease by neural transplantation (Lindvall and Björklund 1945 Com) (Bachoud-Lévi et al 1975)
Motor vehicle accidents Health risks of mobile phones (Dendy 1782 Com) (Rothman1837 S)
Mountain biking Subclinical microtraumatisation of scrotal contents (Frauscher et al 1414 R)
MPTP Exposure linked to Parkinson's disease (Butcher 1659 N)
Mucocutaneous pigmentation Due to zinc deposition, appearance (Greenberg et al 1817)
Mucosal infections Pharyngeal colonisation prevented and potential candidosis treatment (Bradbury 1332 N)
Mucosal tolerance Induction with oral insulin in type 1 diabetes but ß-cell deterioration (randomised trial) (Gale 526 Com) (Chaillous et al 545)
Multicentre randomised studies Oral tolerance induction (oral insulin) in type 1 diabetes but ß-cell deterioration (Gale 526 Com) (Chaillous et al 545); Sirolimus and ciclosporin *vs* azathioprine for renal transplant rejection reduction (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C)
Multicentre studies Risk factors for arrhythmias and sudden cardiac death after repair of tetralogy of Fallot (Gatzoulis et al 975)
Multiple drug-resistance (MDR) Tuberculosis in UK (Drobniewski s62)
Multiple sclerosis Drugs for and NICE press release (Hartung 1114 C); Mental fatigue problems (Senior 1332 N); Mixed results in altered peptide ligand (APL) trials and premature suspension (Senior 1248 N); Progress on transplantation-based therapy (Butcher 405 N); TRAIL system as possible therapeutic target (Nitsch et al 827 R) (de Vries et al 2014 C)
Multiple system atrophy (MSA) Nocturnal stridor elimination by continuous positive air pressure (Iranzo et al 1329 R); In study of peripheral nervous system defects in Parkinson's disease (Weber 917 N)
Mummies Ancient Egyptian prosthesis of big toe (Nerlich et al 2176)
Munchausen syndrome Hoax telephone calls (Reuber et al 1358 C)
Murad F (Raju 346)
Murder Charge for doctors after falsified brain deaths in Thailand (Ahmad 921 N); Guilty plea by US physician (McCarthy 1010 N); Serial, charge against US physicians (351 E); In South Africa after HIV positive results (Morris 840 N)
Muscle Spasms treated by Dysport (1249 N); Spasticity, Dysport (botulinum toxin type A) benefit (1249 N)
Muscle dysmorphia Male body image misperception (Morgan 1372 Com)
Muscle pain Lactose intolerance and (Matthews and Campbell 511 C)
Muscle weakness In chronic inflammatory polymyositis (case report) (Rigby et al 1898); In hypothyroidism and hyperthyroidism (Klein and Ojamaa 614 Com); Wound botulism in heroin addict presenting with (case report) (Jensenius et al 1160) (Athwal et al 2011 C)
Muscle-wasting syndrome TNF role in activation of NF-kB and suppression of MyoD for muscle function/repair (Pirisi 1249 N)
Mycobacterial infection, atypical Presentation and treatment (Leung and Venkatesan 1974)
Mycobacterium tuberculosis Antigens in rapid diagnostic test for tuberculosis (Andersen et al 1099); DNA persistence in superficially normal lung tissue during latent infection (Bishai 2113 Com) (Hernández-Pando et al 2133); Isocitrate lyase role in survival (Ashraf 658 N); Patients/contacts and HIV seroprevalence by anonymous testing (Bowen et al 1488 R); In travellers and possible prevention strategies (Lifson 442 Com) (Cobelens et al 461) (Whitty et al 1609 C) (Lifson and Cohn 1610 C); *See also* Tuberculosis
Mycophenolate mofetil In Crohn's disease (Rampton et al 163 C)
Myelodysplasia Cytogenetics in aircrew and after exposure to ionising radiation (Gundestrup et al 2158 R)
Myocardial blood flow Response during mental stress in coronary artery disease (Arrighi et al 310 R)
Myocardial cell death Identified by radioimaging (Strauss et al 180 Com) (Hofstra et al 209) (De Sutter et al 1439 C) (Reutelingsperger and Hofstra 2014 C)
Myocardial infarction Anti-CD18 therapy (867 E); Attempted suicide by digitalis poisoning presenting as (case report) (Brunner et al 1406); Beta-blocker underprescription and need for increase (Morris 1988 N); Changing views on (MacReady 572 N); Delays before calling ambulance and gradual onset of symptoms (MacReady 572 N); Diltiazem after thrombolysis (INTERCEPT) (Drummond 1604 C) (Boden 1605 C); Dofetilide for arrhythmias in left-ventricular dysfunction after (randomised trial) (Køber et al 2052); Early detection and diagnosis of acute cardiac ischaemia (MacReady 572 N); Exercise-induced in unfit (Senior 1742 N); Heart failure rate and survival in elderly receiving low-dose ß-blockers (Rochon et al 639); Inequalities in decision-making for low-cost treatments (Hargreaves 569 N); Physical activity after linked to reduced risk of second heart attack (1661 N); Pravastatin effects after (LIPID study) (Tonkin et al 1871); Prediction as future leading cause of death in Africa (MacReady 572 N); Unfractionated heparin *vs* low-molecular-weight heparin (600 correction) (Cohen and Turpie 1193 C) (Eikelboom et al 1193 C); Visualisation of cell death in vivo (radioimaging) (Strauss et al 180 Com) (Hofstra et al 209) (De Sutter et al 1439 C) (Reutelingsperger and Hofstra 2014 C); *See also* Coronary heart disease (CHD)
Myocardial ischaemia Chronic, gene therapy success (Ramsay 834 N); Headache in (case report) (Lanza et al 998); Myocardial blood flow response to mental stress in coronary artery disease (Arrighi et al 310 R); Role of sodium/hydrogen exchanger (NHE) inhibitors in protection before (Yellon and Baxter 522 Com); Statin-induced angiogenesis and reduced mortality (Hargreaves 916 N)
Myocardial reperfusion injury Sodium-hydrogen exchange (Yellon and Baxter 522 Com)
Myoclonic epilepsy Stiripentol treatment in infants (randomised trial) (1619 E) (Trevathan 1623 Com) (Chiron et al 1638)
MyoD Suppression by TNF-activated NF-kB in mechanism of muscle-wasting syndrome (Pirisi 1249 N)
Myopathy Juvenile idiopathic inflammatory, maternal microchimerism detected (Artlett et al 2155 R)
Myopia Defocus theory of development and nearwork relation (Goss 1456 Com) (Weale 2194 C); Laser therapy (Seitz and Langenbucher s26)
Myositis Gastrointestinal and skeletal muscle, polymyositis differential diagnosis (case report) (Rigby et al 1898)

N

Nagasaki bomb Long-lasting effects of nuclear bomb on hibakusha (A-bomb survivors) in Japan (Watts 1009 N)
Nails Yellow (777 D)
Names Remembering and memory improvement methods (Butcher 49 N)
Narcolepsy Hypocretin mRNA defect and low CSF levels of hypocretin (Morris 835 N)
Nargile smoking Increase in Arab societies and health hazards (Kandela 1175 N)
Nasopharyngeal swabbing Underestimation of meningococci in tonsillar tissue by (Sim et al 1653 R)
National Acupuncture Detoxification Association (NADA) Auricular acupuncture for cocaine addicts (Morris 658 N)
National Care Standards Commission To be established under new NHS plan (441 E)
National Health Service (NHS) Budget increase (Dean 1663 N); Budget increase, staff increase and NHS plan (Dean 2165 N); Current status as embarrassment to management (1453 E); Health economists' views (US) (Potter 774 C); Industry and academia relationships and conflicts (Wilmshurst 338 C) (Durrington and Chantler 339 C) (Kiln and Hirst 1359 C); New chief executive and Permanent Secretary of DoH (N Crisp) (Dean 1419 N); New national plan, targets/promises and disappointments (441 E) (Akinosi and Ramaiah 1354 C) (Schinaia 2103 C); New national plan announced (Dean 407 N); New national plan key reforms and initiatives (Morris 487 N); New national plan and patient-power (Morris 487 N); Party political conferences and policies (Dean 1335 N); R&D and concerns (Metz 433 C); Response by doctors' leaders to *NHS Plan* (1453 E); Time shortages and revalidation debate for doctors (James 859 C) (Johnson 859 C) (Macara 859 C) (Reynolds 859 C); To work with private hospitals (Dean 1663 N)
National Institute of Clinical Excellence (NICE) Drugs for multiple sclerosis (Hartung 1114 C); Guidelines for zanamivir for influenza changed (Ramsay 1830 N); New challenges for 2001 (Dean 2165 N); Zanamivir announcement and conflicting advice (Dean 1909 N)
National Institutes of Health (NIH) Embryo research ban relaxation sought (693 E)
National Practitioner Data Bank Database on misconduct/incompetence by physicians and dentists (US) (351 E)
National School Fruit Scheme New project under NHS plan (441 E)
Natural killer cells EBV-infected and eradication by allogeneic bone marrow transplantation (Okamura et al 223 R); Reduced cancer incidence with increased cytotoxic activity (Imai et al 1795)
Nazi regime Austrian university's investigation of links (Freidl 1994 N)
Neale R Struck off in UK and lack of early action by GMC after striking off in Canada (Ramsay 403 N)
Necropsy Informed consent for tissue retention discussions in Australia (Loff 1663 N)
Neisseria gonorrhoeae see Gonococci
Neisseria meningitidis ET-37, carriage of serogroup W-135 in The Gambia and implications for immunisation (MacLennan et al 1078 R); *See also* Meningococci
Nelfinavir Potency agreement called for by Hoffmann-La Roche (Jack 1581 N)
Neonates ABO incompatibility and Gilbert's syndrome and hyperbilirubinaemia (Kaplan et al 652 R); Blood microtransfusions in 1960s associated with HCV infection (De Paschale et al 1572 R); End-of-life decisions (Pierce et al 946 C) (Pochard et al 946 C) (Cuttini et al 2190 C); False positives in screening for permanent childhood hearing impairment (Kennedy et al 1903 R); Group B streptococcal disease prevented by maternal screening (Halliday et al 1407 R); Informed consent for randomised trials and parents/neonatologists' views (Tyson and Knudson 2026 Com) (Mason et al 2045); Nosocomial diarrhoea outbreak due to group-A rotavirus (P[6]G9) (Widdowson et al 1161 R); Patient-triggered ventilation(PTV) (Soll 90 Com) (Donn et al 1606 C) (Soll 1606 C); Presentation of inborn errors of metabolism (review) (Leonard and Morris 583); Preterm, computer-assisted prediction of extubation failure (Greenough and Dimitriou 1276 C); Pumactant *vs* poractant alfa in respiratory distress syndrome (Gillespie and Madar 167 C) (600 correction) (Morley 765 C) (Wardhaugh and Matthes 765 C) (Ainsworth et al 766 C); Screening for cystic fibrosis in France (Scotet et al 789) (Dudding et al 1930 C); Screening for hearing impairment (O'Donoghue et al 466); Screening programme reforms needed in US (McCarthy 571 N); *See also* Infants
Neonatologists Views on informed consent for neonatal randomised trials (Tyson and Knudson 2026 Com) (Mason et al 2045)
Nepal Emergency medicine (Basnyat s1); Ethical guidelines for medical research (Sharma 1992 N); Medicine (Basnyat s1); Underuse of TV/cinema for HIV prevention (Bhattarai 773 C)
Nerve Function impairment in leprosy and prediction rule (Ahmed and Lobo 1767 C) (Croft et al 1767 C); Regeneration, cutaneous, of hand allograft (Kanitakis et al 1738 R); *See also* Neurons
Nerve growth factor (NGF) Chronic vasculitic ulcers in rheumatoid arthritis treatment (Tuveri et al 1739 R)
Netherlands Access to in-vitro fertilisation (van Craaikamp and Oosting 1512); Alternative medicine efficacy (Knipschild s4); Birth rate increase after society adjustment to working mothers (Weber 837 N); Children's right to euthanasia withdrawn (Weber 322 N); Comprehensive euthanasia legislation proposed (Weber 1666 N); Doctors denounce law requiring diagnoses on prescriptions as breach of confidentiality (1584 N); Drug availability, new drugs, reimbursement and evidence-based prescribing guidelines (Borst-Eilers s6); End-of-life decisions (1116 correction); Euthanasia (van Craaikamp and Oosting 1512); Euthanasia law passed by parliament (Weber 1911 N); Fraud investigation over pharmaceutical trial results (Hoeksema et al 1773 C); Good practice award for GPs (Weber 1010 N); Health care quality inferior (survey) (Weber 1010 N); Legislation to prevent legionella infections (Weber 232 N); *M tuberculosis* infection transmission to travellers and prevention strategies (Lifson 442 Com) (Cobelens et al 461) (Whitty et al 1609 C) (Lifson and Cohn 1610 C); Merck Sharp & Dohme prosecuted for bonuses/presents for doctors (Weber 1832 N); Nursing homes beds pose safety risks (Weber 1252 N); Physician-assisted suicide case allowed despite no medical disorder (Weber 1666 N); Repetitive strain injury research called for (Weber 1994 N)
Neural stem cells For neurodegenerative disease therapy (Senior 915 N); For spinal cord injury treatment (Butcher 1660 N)
Neural transplantation Huntington's disease improvements (Lindvall and Björklund 1945 Com) (Bachoud-Lévi et al 1975); *See also* Neuronal grafting
Neural tube defects False positive tests in SLE (La Montagna et al 1194 C)
Neurodegenerative disorders "One-hit" hypothesis (226 N)
Neurodevelopmental disorder Non-fatal Rett syndrome in males due to somatic mosaicism of MECP2 mutation (Clayton-Smith et al 830 R)
Neurofibrillary tangles In progressive supranuclear palsy (Golbe 870 Com)
Neurofibromatosis type 1 Frequency of choroidal abnormalities (Yasunari et al 988)
Neuroimaging Stuttering (Sandak and Fiez 445 Com)
Neurological disorders Proteomic applications (Banks et al 1752 S)
Neurological impairment In inborn errors of metabolism (review) (Leonard and Morris 585)
Neurological injury No risk with safe scuba diving procedures (Larkin 2073 N)
Neurological symptoms In thoracic aortic dissection involving carotid artery (case report) (Gleeson et al 826) (1036 correction)
Neurology Bastian H C's contribution and writings (history) (Jellinek 2180); Effect of migraine on quality of life (Weber 1007 N)
Neuromuscular features Hypothyroidism and hyperthyroidism (Klein and Ojamma 614 Com); Of lactose intolerance (Chaudhuri 510 C) (Matthews and Campbell 511 C)
Neuronal grafting Bone marrow as source for neurons (Morris 743 N); In stroke and safety concerns (Morris 743 N); *See also* Neural transplantation
Neurons Bone marrow as source (Morris 743 N); Nicotine-induced enhanced connections (743 N); *See also* Nerve
Neuropathic pain Chronic, in treated leprosy (Hietaharju et al 1080 R)
Neuropathy Paraneoplastic limbic encephalitis in non-Hodgkin's lymphoma (case report) (Javaheri et al 308)
Neuroprotection Failure in stroke (Drummond et al 1032 C); No benefit of gavestinel in stroke patients (Wardlaw et al 597 C)
Neuroscientists Plea from C Reeve (Superman) for spinal cord injury treatment strategies (Butcher 1660 N)
Neurotrophic effects Of lithium (Moore et al 1241 R) (2104 correction)
Neurotrophic factor Glial cell-line derived, gene therapy for Parkinson's disease (Butcher 1498 N)
Neutral protamine Hagedorn (NPH) Insulin glargine comparison (Bolli and Owens 443 Com) (Berger 2013 C)
Nevirapine Decision on use to prevent vertical transmission of HIV deferred in South Africa (Morris 1912 N); For HIV prevention after rape (O'Farrell 773 C)
New England Journal of Medicine Accuracy of references in articles (Siebers and Holt 1445 C)
Newborn Screening Task Force Need for neonatal screening programme reform in US (McCarthy 571 N)
Newson A (1204 L)
NF-κB TNF activation of and suppression of MyoD for muscle function/repair as mechanism of muscle-wasting syndrome (Pirisi 1249 N)
NGF see Nerve growth factor (NGF)
NHE (sodium/hydrogen exchanger) inhibitors Protection of reperfused myocardium (Yellon and Baxter 522 Com)
NHS Direct Conflict with GPs over (Dean 1909 N)
NHS see National Health Service (NHS)
Nicastrin Role in β-amyloid precursor protein regulation in Alzheimer's disease and as therapeutic target (Butcher 915 N)
NICE see National Institute of Clinical Excellence (NICE)
Nickel Contact allergy in coronary in-stent restenosis (Köster et al 1895)
Nicotine Calming effect on women but aggression and anxiety in men (Jarrett 226 N); Changes in brain reward areas (743 N); Transdermal, effects on cognitive performance in Down's syndrome (Seidl et al 1409 R)
Niemann-Pick C disease Genes associated and cholesterol pump identified (2162 N)
Nifedipine Diuretic *vs* in hypertension (randomised trial) (MacMahon and Neal 352 Com) (Brown et al 366) (514 correction) (Achard et al 1926 C) (Bertram 1926 C) (García-López and de Alvaro 1926 C) (Avanzini and Tognoni 1927 C) (Fournier et al 1927 C) (Palmer et al 1928 C) (Hansson et al 1929 C) (Kjeldsen et al 19239 C); Tocolytic choice for preterm labour (Hannah 699 Com)
Nigeria Role of traditional medicine (Iwu and Gbodossou s3); Untested HIV vaccine banned until investigations complete (Ahmad 493 N)
Night sweats Episodic hypothermia with hyperhidrosis due to frontal focal epileptiform disorder (case report) (Lowenthal et al 2064); *Fasciola hepatica* infection from watercress (case report) (LaPook et al 218)
Nipah virus infection Pig cull in Sarawak and natural reservoir (Ahmad 230 N)
Nipple discharge Imaging investigations (Sickles 1622 Com)
Nipple fluid BFGF in and breast cancer diagnosis by (Liu et al 567 R) (Gibbs 1684 C) (Nguyen 1684 C) (1690 correction)
Nissen fundoplication Conventional method *vs* laparoscopy in gastro-oesophageal reflux disease (Bloechle et al 69 C) (De Brauw and Beets 69 C) (Booth and Dehn 70 C) (Gorecki and Hinder 70 C) (de Beaux et al 71 C) (Pellegrini 71 C) (Gooszen et al 72 C)
Nitric oxide Blood-brain barrier permeability (Dursun and Robertson 1274 C); Chronic inhaled in COPD (Higenbottam et al 446 Com) (Bratman and Harkness 1274 C) (Dursun and Robertson 1274 C); Chronic inhaled and folate deficiency due to (Bratman and Harkness 1274 C); In dilated cardiomyopathy and role of ideas *vs* experiments (viewpoint) (Martin 934); Inhaled, prevention of pulmonary hypertension after congenital heart surgery (randomised trial) (Miller et al 1464)
No-fault award For infants with cerebral palsy in Ireland (Birchard 664 N)
Nobel Chronicles (Raju 436) (Altschuler and Charlton 1360 C); Blobel G (Raju 436); Doherty P C (Raju 172); Furchgott R F (Raju 346); Ignarro L J (Raju 346); Lewis E B (Raju 81); Murad F (Raju 346); Nüsslein-Volhard C (Raju 81); Prusiner S B (Raju 260); Wieschaus E F (Raju 81); Zinkernagel R M (Raju 172)
Nobel Foundation and Nobel Prizes (Raju 436) (Altschuler and Charlton 1360 C)
Nobel Prize for Physics (Altschuler and Charlton 1360 C)
Nobel Prize for Physiology or Medicine Awarded for basic science not clinical implications (Altschuler and Charlton 1360 C); For neuroscientists for slow synaptic transmission discoveries (Butcher 1331 N)
Nociception Capsaicin mechanism and novel drugs (Baron 785 Com)
Nocturnal stridor Elimination by continuous positive air pressure in multiple system atrophy (Iranzo et al 1329 R)
"Nogo" Nerve fibre regrowth prevention protein identified (Butcher 1660 N)
Noise Concern, websites (Larkin 605)
Non-accidental head injury Incidence in young children (Barlow and Minns 1571 R)
Non-governmental organisations (NGOs) Malaria control strategy (Morris 144 N); In South Sudan (Bower 661 N)
Non-Hodgkin's lymphoma Paraneoplastic limbic encephalitis presenting with tinnitus (case report) (Javaheri et al 308); Spontaneous quadriceps tendon rupture (case report) (Benecke et al 1236); *See also* Lymphoma

Non-invasive pressure support ventilation (NIPSV) Oxygen therapy vs in acute cardiogenic pulmonary oedema (randomised trial) (Masip et al 2126)
Non-invasive ventilation For chronic obstructive pulmonary disease (Kollef 956 Com)
Non-neurogenic bladder-sphincter dysfunction (NNBSD) Influence of potty training habits on children and (Hellström 1787 Com)
Noradrenaline Increased after ingestion of water (Mathias 1046 Com) (Scott et al 2013 C)
Nordic Diltiazem (NORDIL) study see NORDIL study
NORDIL study Calcium antagonists vs diuretics and ß-blockers (randomised trial) (MacMahon and Neal 352 Com) (Brown et al 366) (Messerli 509 C) (514 correction) (Achard et al 1926 C) (Bertram 1926 C) (García-López and de Alvaro 1926 C) (Avanzini and Tognoni 1927 C) (Fournier et al 1927 C) (Palmer et al 1928 C) (Hansson et al 1929 C) (Kjeldsen et al 19239 C)
North American Free Trade Act (NAFTA) Implications of Alberta's Health Care Protection Act (Shortt 1291 Com)
North Korea Food aid monitored by Japan (574 N); Food crisis (Watts 1993 N)
North Thames Dialysis Study Clinical outcomes/quality of life/costs of elderly on dialysis (Lamping et al 1543)
Northern Ireland Anger over graphic evidence at Omagh inquest (Birchard 1091 N); Anger at slow handling of *Cryptosporidium* outbreak (Birchard 919 N); Extension to abortion act resisted (Birchard 52 N)
Norton (guide dog) (2206 L)
Norway Valid consent (Syse 1347)
Norwegian scabies (crusted scabies) Differential diagnosis from psoriasis (case report) (Gach and Heagerty 650)
Nosocomial infection Neonatal diarrhoea outbreak due to group-A rotavirus (P[6]G9) (Widdowson et al 1161 R)
Nuclear bomb Long-lasting effects on hibakusha (A-bomb survivors) in Japan (Watts 1009 N); See also Atomic bombs
Nuclear industry Fetal death and congenital malformations in infants of employees (Doyle et al 1293)
Nuclear industry family study Fetal death and congenital malformations in infants of employees (report) (Doyle et al 1293)
Nuclear radiation Chernobyl see Chernobyl
Number needed to treat Misleading notion and implications of trial results (viewpoint) (Lubsen et al 1757)
Nurses Cardiology services (preventive) led by (867 E); Recruitment from Spain (for UK) and controversy (Bosch 1831 N); Recruitment in UK and agreements (177 E)
Nursing Staffing crisis in UK (Dean 2165 N)
Nursing care To be free under new NHS plan (441 E)
Nursing homes Beds pose safety risk in Netherlands (Weber 1252 N); Cash injection proposed by US President (1092 N); Funding reform proposals in UK and concerns (Dean 919 N)
Nüsslein-Volhard C (Raju 81)
Nutritional state Reliability of weight/height indices in assessment of children (Warner 1703 Com)

O

Obesity Effect of sibutramine on weight maintenance after weight loss (randomised trial) (James et al 2119); "First-born effect" (Hargreaves 489 N); Ghrelin role in causing increased weight (Pound 1417 N); Human adenovirus-36 linked ("infectious-fat hypothesis") (Morris 489 N); Increase in Europe and heart disease concerns (867 E); Increase in US and increased diabetes linked to (McCarthy 834 N); Ovarian tumour confusion (case report) (Reschke et al 734); Pathogenesis and fat cell formation control and role of Wnt-10b protein (mice) (570 N); Treatment approaches (Golay s42)
O'Brien D Expert mnemonist and memorising strategies (Butcher 836 N)
Obsessive-compulsive disorder SSRI treatment for compulsive shopping (Larkin 2163 N)
Obstetrics Litigation crisis in Ireland (Birchard 664 N)
Occupational asthma Protease-induced in detergent factory (Cullinan et al 1899 R)
Occupational disorders Lead exposure and cognitive decline (Senior 1498 N)
Ocular accommodation Myopia development and (Goss 1456 Com) (Weale 2194 C)
Odour Inability to detect in early Alzheimer's disease (835 N)
Oedema Pulmonary see Pulmonary oedema
Oesophageal cancer Barrett's metaplasia role and clonal expansion of stem cells (Jankowski et al 2079 S); Genetic biomarker (1743 N)
Oesophageal stem cells (Jankowski et al 2079 S)
Oestradiol Non-protein-bound concentrations and cognitive decline in women relationship (Tierney 694 Com) (Yaffe et al 708) (Simkin 1690 C)
Oestrogen Effect on autoimmune diseases (McCarthy 1088 N); Low levels associated with cognitive decline (Senior 1988 C)
Oestrogen receptor False negatives in assay (Aebi et al 944 C) (Palmieri et al 944 C)
Oestrogen replacement therapy Dose for osteoporosis prevention (Senior 1988 C); For Parkinson's disease (Senior 1988 C); See also Hormone replacement therapy (HRT)
"Off-label" use of drugs In children (1619 E)
Ohuji's disease Appearance and treatment (Dale and Shaw 1235)
OGT 918 (N-butyldeoxynojirimicin) Gaucher's disease treatment (Cox 676 C) (Mistry 676 C) (Kranda 677 C) (Barranger 1353 C)
Olfactory ensheathing cells Injection into damaged region of corticospinal tract and axonal regeneration (Butcher 405 N); Progress on therapy of CNS diseases using (Butcher 405 N)
Oligodendrocyte precursor cells As source of neural stem cells for degenerative disease therapy (Senior 915 N)
Oligosaccharide, antiadhesive For prevention of acute/recurrent otitis media (randomised trial) (Pelton 1370 Com) (Ukkonen et al 1398)
Olive oil Advertising campaigns and health messages (Astrup et al 1786 Com)
Olympic games Committee ban for doctor after "doping" gymnast with OTC cold medication (Birchard 1171 N); Drug abuse (past, present and future) (Birchard 1008 N)
Omagh bombing Anger over graphic evidence at inquest (Northern Ireland) (Birchard 1091 N)
Omapatrilat Lisinopril vs in congestive heart failure and angio-oedema adverse effect (IMPRESS randomised trial) (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction)
Omeprazole Adverse effects (Armstrong 610 Com) (Dawson and Manson 1770 C); Long-term safety and efficacy in gastro-oesophageal reflux disease (Armstrong 610 Com) (Dawson and Manson 1770 C)
Onchocerciasis Control strategies (Abiose et al 1523 C) (Richards et al 1523 C); *Loa loa* prevalence mapping in relation to ivermectin use in Africa (Thomson et al 1077 R) (1198 correction)
Onchocerciasis Control Programme in West Africa (OCP) (Abiose et al 1523 C) (Richards et al 1523 C)
Oncologists Research scandal in Germany andrandom checks on researchers proposed after (Weber 53 N)
Oncology Gene therapy (High s8); Research and "blue-skying" meeting with non-experts (McNamee 1948 Com)
Ondansetron Treatment of early-onset alcoholism (Ramsay 742 N)
ONYX-015 trial progress Head and neck cancer regression (Butcher 488 N)
Oocyte donation Financial incentives and cost control in US (Larkin 569 N)
Oophorectomy Prophylactic, cultural factors affecting decisions (Julian-Reynier et al 1687 C)
Ope-typing Epidemiological investigation of gonorrhoea transmission (Ward et al 1812)
Operation Smile International Plastic surgery with few resources (Bermudez R s45)
Ophthalmology Laser use (Seitz and Langenbucher s26)
Opiates/opioids Tolerance development mechanism (Chande 1989 N); Use in last week of life and end-of-life decision-making (Thorns and Sykes 398 R) (Zenz 1273 C)
Opportunistic infections Need to test for cancers with (Kuruvilla 342 C) (Delgrange and Donckier 343 C)
Optimum percutaneous transluminal coronary angioplasty compared to routine stent strategy trial (OPUS-1) (Schiele and Bassand 1524 C) (Weaver 1525 C) (2196 correction)
OPUS-1 trial Impact on routine angioplasty (Schiele and Bassand 1524 C) (Weaver 1525 C) (2196 correction)
Oral contraceptives (Kubba et al 1913 S); Cardiovascular disease due to (Kaufman and Shapiro 1341); Developments (Kubba et al 1917 S); Doubling the pill (The way it is) (1116 D); Optional suppression of menstruation and dangers (Grant 513 N)
Orf The Way it is article (1148)
Organogenesis Congenital malformations associated with emotional stress during (Hansen et al 875)
Orientia tsutsugamushi HIV-1 infection suppression (Watt et al 475) (Colebunders et al 1765 C) (Ariyoshi and Whittle 1766 C) (Watt et al 1766 C) (Ikeda and Yoshida 1851 C)
Orlistat Hypertension association (316 N)
Orofacial morphology 3D and 4D visualisation of movements (Deng et al 127)
Oropharyngeal cancer HPV link (Franceschi et al 871 Com)
Orphan diseases Awareness raised by European Parliament and orphan drug policy (Weber 1504 N)
Orphan drug policy In Europe and increased awareness of rare diseases (Weber 1504 N)
Oseltamivir Efficacy and safety for influenza treatment (1856 correction)
Osteomyelitis *Brucella* spondylitis presenting with low back pain (case report) (Ben-Ami et al 1076)
Osteoporosis Oestrogen replacement therapy dose (Senior 1988 C); Statins effect (Chan 1195 C) (Reynolds and Wierzbicki 1195 C)
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Out-patient services Better organisation for developing countries (146 N)
Ovarian cancer Primary treatment with interferon plus chemotherapy (Berek 6 Com); Screening by CA-125 and UK trial (1826 N); Symptoms before diagnosis and impact of education on diagnostic delay (Bradbury 1826 N)
Ovarian tissue Transplantation as fertility treatment for women undergoing cancer therapy (Butcher 1497 N)
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Overseas Training Programme (OTP) E-mail consultations by trainees with UK doctor (Cooke and Holmes 138 R)
Oxaliplatin For colorectal cancer (Kelsen 353 Com)
Oxidative stress Increase in haemodialysis and benefits of antioxidants in secondary prevention of cardiovascular disease (SPACE randomised trial) (Boaz et al 1213)
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Oxygen Ductus arteriosus constriction, by voltage-gated potassium channel inhibition (Michelakis et al 134 R); Hypercapnia induced by (Calverley 1538 Com)
Oxygen therapy Non-invasive pressure support ventilation vs in acute cardiogenic pulmonary oedema (randomised trial) (Masip et al 2126)
Oxygenation Extracorporeal membrane (ECMO), in pregnancy (King et al 45 R); Traumatic brain injury (Ghajar 924 S)
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Ozone Exposure thresholds/limits beneficial for health (Weber 1419N)

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p53 gene Mutation selection by smoking and lung cancer aetiology (Larkin 1499 N)
Pacemakers Interference by mobile phones (Dendy 1782 Com) (Rothman1839 S)
Pacific Islands Lymphatic filariasis campaign launched (Dean 143 N)
PACIFIC trial Percutaneous transmyocardial laser revascularisation in severe angina (Oesterle et al 1705) (Senior 1742 N)
Paclitaxel Breast cancer adjuvant therapy (Goldhirsch et al 507 C) (Crown and O'Leary 508 C)
Paediatric journals Narrow scope and initiatives in child health (Zuckerman et al 1626 Com)
Paediatrics Contaminated disinfectant and low hygiene standards in Germany (Röggla 574 N); Parenteral nutrition advice (664 N); See also Children; Infants
Paedophiles Sex-offence laws to be reconsidered in UK (Dean 745 N)
Pain Abdominal, in Henoch-Schönlein purpura (case report) (Godkin et al 562) (Taylor et al 2192 C); Back, *Brucella* spondylitis presenting with (case report) (Ben-Ami et al 1076); Chronic neuropathic, in treated leprosy (Hietaharju et al 1080 R); Manifestations and expression in cognitively impaired (Abu-Saad 1867 Com) (Hennequin et al 1882); Neuropathic, capsaicin as model (Baron 785 Com); Nociception, capsaicin mechanism and novel drugs (Baron 785 Com); Persistent after stapled haemorrhoidectomy (Cheetham et al 730) (Herold and Kirsch 2187 C) (Jongen and Bock 2187 C) (Pescatori 2188 C) (Rowsell et al 2188 C) (Beattie and Loudon 2189 C) (Keighley 2189 C) (Londo 2189 C) (Cheetham and Phillips 2190 C); Viscerovisceral and viscerosomatic, central sensitisation role (Cervero 1127 Com) (Sarkar et al 1154)
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Palestinian refugees Infant and child mortality rates (Madi 312 R)
Palliateve care Consent for trial participation (Hardy s44)
Palliative care Children's rights in US (Larkin 659 N); In Eastern Europe (Luczak and Hunter s23); Intervention programme to enable deaths at home (randomised trial) (Jordhøy et al 888); Opioid use in last week of life and end-of-life decision-making (Thorns and Sykes 398 R) (Zenz 1273 C); Progress over last century (Fainsinger s24); Sedation use (Hardy 1866 Com); Written information (Albert 434 C); *See also* Terminal care
Pan American Health Organisation (PAHO) Measles eradication close in Americas (McCarthy 1247 N)
Pancreas Cell transplant method (316 N)
Pancreatic ß-cells Deterioration despite oral tolerance induction (oral insulin) in type 1 diabetes (randomised trial) (Gale 526 Com) (Chaillous et al 545)
Pancreatic cancer Combined imaging techniques for earlier diagnosis (Hosten et al 909 R); Detection by magnetic resonance cholangiopancreatography and ERCP (Adamek et al 190) (Geier et al 1607 C)
Pancreatic islet transplantation New islet cell culture method for (Bradbury 141 N)
Pancreatic transplantation Ganciclovir-resistant CMV disease in recipients and treatment duration effect (Drew 609 Com) (Limaye et al 645) (Legendre 1356 C)
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Paralympics Website (Larkin 1121)
Paralysis Hypnotic, imaging and implications for conversion hysteria (Terao and Collinson 162 C) (Halligan et al 163 C); Progress on robots driven by cortical signals from monkeys (Morris 1743 N)
Paraneoplastic syndrome Limbic encephalitis in non-Hodgkin's lymphoma presenting with tinnitus (case report) (Javaheri et al 308)
Paraoesophageal hiatus hernia Presentation with constipation (clinical picture) (Smith et al 1306)
Paraplegia Embryonic raphe cells implanted in spinal cord and walking (rats) (Weber 227 N)
Parasites Increase in Th2 cells and IL-10 due to with atopy reduction and hygiene hypothesis explanation (Holt 1699 Com) (van den Biggelaar et al 1723)
Parasitic worms Peptide (pepsin inhibitors-3) secreted to prevent digestion in gut and development of drugs to limit infections (Butcher 571 N)
Parathyroidectomy Role in hyperparathyroidism and debate over (Nordenström and Zedenius 512 C)
Parenteral drug preparations Use for several patients and cross-contamination risk (Webster et al 379) (Dade et al 1684 C)
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Parents Views on informed consent for neonatal randomised trials (Tyson and Knudson 2026 Com) (Mason et al 2045); *See also* Fathers; Mothers
Parkinsonian symptoms No deterioration with rivastigmine in dementia with Lewy bodies (randomised trial) (Cummings 2024 Com) (McKeith et al 2031)
Parkinsonism Apraxia of eyelid opening improved by wearing goggles (Hirayama et al 1413 R)
Parkinson's disease Cognitive decline and dopamine decrease associated with low oestrogen levels (Senior 1988 C); Gene therapy (Butcher 1498 N); Impaired chemosensitivity and dyspnoea perception (Onodera et al 739 R) (Onodera et al 2099 C) (Röggla et al 2099 C) (Kanda et al 2100 C); New dopaminergic neurons in striatum (Porritt et al 44 R); Oestrogen therapy (Senior 1988 C); "One-hit" hypothesis for pathogenesis (226 N); Peripheral nervous system dysfunction (Weber 917 N); Pramipexole for early disease (Larkin 1416 N); Rotenone linked (Butcher 1659 N); Sleep episodes associated with dopamine agonists (Pirker and Happe 597 C) (Ferreira et al 598 C)
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Pathergy Pyoderma gangrenosum after surgery (case report) (Ogon et al 1652)
Patient records (medical records) Easier access for bureaucrats under new Canadian Act and smart cards could be developed (Kondro 2168 N); National electronic scheme approved in Australia (Carter and Loff 575 N); Tough privacy policies to be adopted in US (McCarthy 663 N)
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People's Health Assembly Effects of globalisation on health care debated (Ahmad 2077 N)
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Pepsin inhibitor-3 (PI-3) Secreted by helminths to prevent digestion and development of drugs to prevent infections (Butcher 571 N)
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Pew Internet Project Web influence on health care decisions (Larkin 2109)
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Pharmaceutical companies Fraud investigation over trial results in Netherlands (Hoeksema et al 1773 C); Influence on medical education in US (781 E); Merck Sharp & Dohme prosecuted for bonuses/presents for doctors (Weber 1832 N); Production of drugs for tropical diseases halted for cost-cutting (McCarthy 1581 N); Protease inhibitor potency agreement called for by Hoffmann-La Roche (Jack 1581 N)
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Pinochet, General A Trial progress in Chile (574 N)
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Pituitary-thyroid feedback hypersensitivity As cause of hypothyroidism in children (Frankton et al 1238 R)
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Polyphenols (wine) Effect on smooth muscle proliferation as possible mechanism for French Paradox (Grainger 92 Com)
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Potential Angina Class Improvement from Intramyocardial Channels see PACIFIC trial
Potty training Influence on dysfunctional bladder in children (Hellström 1787 Com)
Poverty On agenda of BMA's Millennium Festival of Medicine (Hargreaves 1741 N); Diseases of and G8 countries' target to reduce (Watts 408 N); World Bank's report on website (Larkin 1531 D); As world's biggest killer (South Africa's President) (Horton 225 N) (Butler 1445 C)
Prader-Willi syndrome (Couper and Couper 673) (Ward 1856 C); Case presentation and features (Couper and Couper 673) (Ward 1856 C)
Pramipexole For early Parkinson's disease (Larkin 1416 N)
Pravastatin Effects in unstable angina (LIPID study) (Tonkin et al 1871)
Praziquantel Production halted for cost-cutting by pharmaceutical company (McCarthy 1581 N)
Precautionary principle Concerns over applying principle to DDT ban (265 E) (Roberts et al 330)
Prednisolone Short-term response in COPD and sputum eosinophilia (randomised trial) (Brightling et al 1480)
Pre-eclampsia (Walker 1260 S); Epidemiology/pathophysiology/diagnosis/management (Walker 1260 S)
Pregnancy Adverse effects of antiretroviral drugs (Carr and Cooper 1429); Blood pressure decrease in primary aldosteronism (case report) (Murakami et al 1980); Drug prescriptions, overprescribing/types of drugs and underprescribing (Haramburu et al 1704 Com) (Lacroix et al 1735 R); Effect of anthelminthic drugs on haemoglobin levels (Torlesse and Hodges 1083 R) (1774 correction) (Guyatt et al 2101 C); Effect on chronic hepatitis C (case-control study) (Fontaine et al 1328 R); Emotional stress in and congenital malformations associated (Hansen et al 875); Extracorporeal membrane oxygenation (King et al 45 R); Hypertension associated with mineralocorticoid receptor mutation (140 N); Hypertension (pre-eclampsia) (Walker 1260 S); Iron deficiency and short-term/long-term effects (Trichopoulos 696 Com) (Hindmarsh et al 719); Low ferritin level effects (Trichopoulos 696 Com) (Hindmarsh et al 719); Mortality in developing countries (Ahmad 1085 N); Mosquito attraction to women (Martinez Espinosa et al 685 C); Mother-to-child transmission of HCV (Gibb et al 904); Prediction of loss and "inefficient" reproductive process (Semprini and Simoni 257 C); Presentation of inborn errors of metabolism (review) (Leonard and Morris 583); Recurrent miscarriages and intrauterine growth retardation associated with coeliac disease (Gasbarrini et al 399 R); Screening for group B streptococci in prevention of neonatal disease (Halliday et al 1407 R); Th-2 response and improvement of autoimmune conditions (McCarthy 1088 N); See also entries beginning *Maternal*; Mothers
Premature birth Parental cardiovascular disease mortality relationship (Davey Smith et al 2066 R)
Premature infants Adult cardiovascular risk factors in (Hennessy and Alberman 938 C) (Kiortsis et al 938 C) (Whincup and Cook 938 C) (Szathmári et al 939 C) (Walker et al 939 C); Computer-assisted prediction of extubation failure (Greenough and Dimitriou 1276 C); Extreme prematurity and reduced cerebral cortex development (Ajayi-Obe et al 1162 R)
Premenstrual dysphoric disorder (premenstrual syndrome) Diagnosis and SSRI treatment (meta-analysis) (Steiner 1126 Com) (Dimmock et al 1131)
Prenatal diagnosis Down's syndrome and false positives in SLE (La Montagna et al 1194 C); Fetal Down's syndrome using maternal plasma (Poon et al 1819 R); Hypoplastic left-heart syndrome and outcome after (Brackley et al 1143); Impact of neonatal screening for cystic fibrosis in France (Scotet et al 789) (Dudding et al 1930 C); Single gene disorder by DNA from maternal plasma (Saito et al 1170 R)
Prenatal predictive testing Huntington's disease (Hayden 1944 Com)
Prescription Evidence-based guidelines for new drugs (Borst-Eilers s6); Fraud in Germany (Röggla 746 N); Law requiring diagnoses information criticised as breach of confidentiality in Netherlands (1584 N); In pregnancy, overprescribing/types of drugs and underprescribing (Haramburu et al 1704 Com) (Lacroix et al 1735 R)
Prescription drugs Internet shopping hazard shown in Austrian survey (Weber 1176 N)
Presser effects Of oral water (Mathias 1046 Com) (Scott et al 2013 C)
Preterm labour Best choice of tocolytics (Hannah 699 Com)
Prevention of Relapses and Disability by Interferon β-1a Subcutaneously in Multiple Sclerosis (PRISMS) study (Hartung 1114 C)
Primary care Cost-effectiveness of endoscopy in dyspepsia (randomised trial) (Delaney et al 1965)
Primary pulmonary hypertension (PPH) see Pulmonary hypertension
Prime boost immunisation strategy Ebola virus vaccine (Ashraf 1905 N)
Prinzmetal angina Clinical picture (Koschyk et al 1434)
Prion proteins Abnormal, screening tests for vCJD and uncertain prospects (Bonn 228 N); Differentiation of Prp^{C} and Prp^{Sc} by plasminogen test (Pound 1826 N); In tonsil and appendix tissue (Dieter 505 C) (Markham 505 C)
Priorities in health care International conference report (Kleinert 1869 Com)
PRISMS study Interferon in multiple sclerosis (Hartung 1114 C)
Prison medicine Mental problems vs criminal behaviour and media interest (Draine s48); Mentally ill and developments in Latvia (Fedosejeva and Girgensons s47)
Prisoners Political, Turkish government response and World Medical Association response (Kapp 2166 N)
Privacy Patients' medical records, tough policies to be adopted in US (McCarthy 663 N)
Private hospitals NHS to work with (Dean 1663 N)
Private medicine Acceleration likely by World Trade Organisation proposals (1941 E) (Pollock and Price 1995); Control called for by Indian health organisations (Kumar 2077 N); Health Care Protection Act in Alberta and NAFTA (Shortt 1291 Com); In Ireland and problems (Birchard 1421 N)
PROACT II study Intra-arterial thrombolysis for hyperacute stroke (Nawashiro and Fukui 1111 C) (Barber et al 1112 C)
Proctitis Radiation (acute), topical butyrate for (randomised trial) (Vernia et al 1232)
Professionalism Threats to, role/nature/evolution and future needs (viewpoint) (Cruess et al 156)
Progress Educational Trust Genetics updates on website (Larkin 175)
Progressive supranuclear palsy Molecular mechanisms and possible pathogenesis (Golbe 870 Com)
PROMISE trial Individualisation of treatment for heart failure (Shibata and Perez de Arenaza 686 C)
Prospective cohort study Of elderly on dialysis (North Thames Dialysis Study) (Lamping et al 1543)
Prospective randomised trial Impact of different ultrafiltration doses for continuous veno-venous haemofiltration in acute renal failure (Ronco et al 26) (Ho et al 1441 C) (Schiffl 1441 C) (Than and Turney 1441 C) (Ronco and Bellomo 1442 C)
Prospective Randomized Milrinone Survival Evaluation (PROMISE) trial Individualisation of treatment for heart failure (Shibata and Perez de Arenaza 686 C)

Prospective studies Effect of artesunate-mefloquine combination on *P falciparum* malaria incidence and mefloquine resistance (Nosten et al 297); Pancreatic cancer detection by magnetic resonance cholangiopancreatography and ERCP (Adamek et al 190) (Geier et al 1607 C)
Prostate cancer Advanced, androgen blockade (Dalesio et al 341 C) (Labrie and Candas 341 C); High profile and reasons for (1205 E); Improved survival with high-dose radiotherapy (Ashraf 317 N); Mortality trends in England/Wales and US (1278 correction); Relapse prediction using statistical tool (Bonn 1248 N); Risk reduction by low-fat diet and aerobic exercise (Bonn 1248 N); Screening sensitivity improved by IGF-I and IGFBP-3 measurements (Wolk et al 1902 R)
Prostate-specific antigen (PSA) Screening sensitivity improved by IGF-I and IGFBP-3 measurements (Wolk et al 1902 R)
Prostatic hyperplasia, benign (BPH) Role of laser *vs* TURP (Fitzpatrick 357 Com)
Prosthesis Ancient Egyptian prosthesis of big toe (Nerlich et al 2176); Self-extending leg implant for growing children (Hargreaves 226 N)
Prostitutes Child, in Morocco (Kandela 1991 N)
Prostitution Convention on the Elimination of all Forms of Discrimination against Women (Loff et al 1764)
Protease inhibitors Galactorrhoea and hyperprolactinaemia associated (Hutchinson et al 1003 R); Potency agreement called for by Hoffmann-La Roche (Jack 1581 N)
Protease-induced occupational asthma In detergent factory (Cullinan et al 1899 R)
Proteasome inhibitors HIV-1 infectiousness reduction (Morris 1827 N)
Proteasome/ubiquitin system As new HIV-1 drug target (Morris 1827 N)
Protein Bioinformatics (Banks et al 1750 S)
Protein phosphorylation Nobel Prize awarded to Kandel (Butcher 1331 N)
Proteomics (Banks et al 1749 S); New perspectives, new biomedical opportunities (Banks et al 1749 S); Technology and prospects following human genome draft (Bradbury 50 N)
Prothrombin time Oral anticoagulant self-management *vs* specialist anticoagulant clinic management (randomised trial) (Cromheecke et al 97) (Fitzmaurice et al 1437 C) (Levi and Büller 1437 C)
Proton pump inhibitors Long-term safety and efficacy of omeprazole in gastro-oesophageal reflux disease (Armstrong 610 Com) (Dawson and Manson 1770 C)
Prusiner S B (Raju 260)
Pseudoaneurysm Left ventricular, clinical features and management (Blackman et al 1642)
Pseudomonas aeruginos Genome size, regulatory genes and pump systems (McCarthy 918 N); Infection complicating cystic fibrosis and treatment approach (Marshall and Liou 613 Com)
Psoas abscess Lumbar vertebra in (Gandhi et al 1485)
Psoriasis Crusted scabies resembling (case report) (Gach and Heagerty 650); Etanercept treatment (randomised trial) (Mease et al 385) (Marzo-Ortega et al 2095 C) (Spadaro et al 2095 C) (Taylor et al 2095 C) (Mease 2096 C)
Psoriasis Area and Severity Index (PASI) (Sinha 448 Com)
Psoriatic arthritis Etanercept treatment (randomised trial) (Mease et al 385) (Marzo-Ortega et al 2095 C) (Spadaro et al 2095 C) (Taylor et al 2095 C) (Mease 2096 C)
Psychiatric abuse In China and international concern (Ahmad 920 N)
Psychiatric disease Reasons for low recognition, global burden and international intervention programmes (Pirisi 1908 N); Winnie-the-Pooh and colleagues (Butcher 2163 N); *See also* Mental illness
Psychiatric hospitals Criticisms of, in Ireland (Birchard 574 N); Falun gong practitioners detained in China and international concern (Ahmad 920 N); Involuntary admission rates increased in Ireland (Birchard 2076 N); In US (Geller s40)
Psychiatry Community, in US (Geller s40); Geneva Prize for Human Rights in Psychiatry (Hargreaves1763); Technological advances: implications for developing countries (viewpoint) (Sartorius and Emsley 2090); Undiagnosed disorders and need for consultations for decision making in euthanasia (Bannink et al 2067 R)
Psychological services Improvement of end-of-life care by (2073 N)
Psychosis Bipolar affective puerperal disorder susceptibility linked to serotonin transporter gene (Coyle et al 1490 R)
Psychotropic drugs QT_C interval prolongation associated and *HERG* role (Hancox and Witchel 428 C); QTc-interval abnormalities association (De Ponti et al 75 C)
Public Response to scientific reports on problems in hospitals and need for positive interactions (Gortner et al 2015 C)
Public health In 21st century in US: diabetes mellitus (McKinlay and Marceau 757); Along USA-Mexico border (McCarthy 1020); Cardiovascular disease prevention and disappointments (867 E); CDC programme and preparedness for biological terrorism (review) (O'Toole and Inglesby 1128 Com) (Khan et al 1179) (Butler 2104 C); Concerns over changes in China (1285 E); In developing countries (Beaglehol and Bonita 787 Com) (Macfarlane et al 841) (Arya 1769 C) (Konotey-Ahulu 1769 C); In eastern Europe (Demine s49); Effects of outdoor and traffic-related air pollution (London and Romieu 782 Com) (Künzli et al 795) (946 correction); Epidemic prevention not panic and need for global solutions (viewpoint) (Giesecke 588); In Europe (McKee and Jacobson 665); Exclusion from GATS in 1995 now challenged by World Trade Organisation and privatisation acceleration (1941 E) (Pollock and Price 1995); Gates Foundation's Global Health Program and interview with leaders (McCarthy 153); Global challenges (Sen and Bonita 580) (Kvåle 2195 C) (Sen and Bonita 2195 C); History (viewpoint) (Berridge 1923); Impact of drug-related deaths and reduction (Hall and Zador 7 Com) (Jones et al 1277 C); Inequalities, poor quality, challenges/goals and need for reinvigoration (Beaglehole and Bonita 787 Com) (1036 correction); Priorities in industrialised countries (Bloom s50); Prostitution and Convention on the Elimination of all Forms of Discrimination against Women (Loff et al 1764); Trends in child health inequities and evidence from Brazil (Victora et al 1093); Websites (Larkin 1283)
Public health article quintet (Horton 448 Com) (Beaglehole and Bonita 787 Com) (1036 correction); Changing global context of public health (McMichael and Beaglehole 495); Global health status (Sen and Bonita 577) (de Francisco 1355 C); Public health in developing countries (Beaglehol and Bonita 787 Com) (Macfarlane et al 841) (Arya 1769 C) (Konotey-Ahulu 1769 C); Public health in Europe (McKee and Jacobson 665); US public health and 21st century: diabetes mellitus (McKinlay and Marceau 757)
Public health practitioners Role and need for reinvigoration of public health (Horton 448 Com) (Beaglehole and Bonita 787 Com) (1036 correction)
Publishing Hippocrates ridens: 17th century medico-political journal (Colman 2185); *See also* Medical publications
PubMedCentral As electronic archive of research and implications for print publications (Horton 2 Com); Launch and Freedom of Information conference (McConnell 227 N); *See also* BioMedCentral
PubMedExpress New service for authors to publish work without prior print publications (Horton 2 Com)
Puerperal psychosis Bipolar disorder susceptibility linked to serotonin transporter gene (Coyle et al 1490 R)
Pulmonary artery Prosthetic conduit to right ventricle and percutaneous replacement of pulmonary valve (Bonhoeffer et al 1403)
Pulmonary embolism Factor V Leiden paradox of increased risk in deep vein thrombosis *vs* embolism (Bounameaux 182 Com) (Girard 1028 C); Prevention with low dose aspirin (Cimminiello 247 C) (Cohen and Quinlan 247 C) (Mahé et al 248 C) (Smulders 248 C) (Tauzeeh 248 C) (Kalsi 249 C) (Parker 249 C) (Thomas 249 C) (Collins et al 250 C)
Pulmonary Embolism Prevention (PEP) trial Low dose aspirin (Cimminiello 247 C) (Cohen and Quinlan 247 C) (Mahé et al 248 C) (Smulders 248 C) (Tauzeeh 248 C) (Kalsi 249 C) (Parker 249 C) (Thomas 249 C) (Collins et al 250 C)
Pulmonary hypertension Chronic inhaled nitric oxide (Higenbottam et al 446 Com) (Bratman and Harkness 1274 C) (Dursun and Robertson 1274 C); Prevention after congenital heart surgery by inhaled nitric oxide (randomised trial) (Miller et al 1464); Primarygene identified (McCarthy 489 N); gene and mutations in *BMPR2* (Wilkins et al 1207 Com)
Pulmonary oedema
Acute cardiogeniccontinuous positive airway pressure (CPAP) management (Masip et al 2126); Non-invasive pressure support ventilation *vs* oxygen therapy (randomised trial) (Masip et al 2126)
Pulmonary valve Percutaneous replacement in right ventricle to pulmonary artery conduit (Bonhoeffer et al 1403); Preservation to reduce arrhythmias and sudden cardiac death after repair of tetralogy of Fallot (Gatzoulis et al 975)
Pulvinar sign In MRI of variant CJD (170 correction); In second French case of vCJD (Oppenheim et al 253 C)
Pumactant Poractant alfa *vs* in respiratory distress syndrome in neonates (Gillespie and Madar 167 C) (600 correction) (Morley 765 C) (Wardhaugh and Matthes 765 C) (Ainsworth et al 766 C)
Pupils Holmes-Adie syndrome (Martinelli 1760)
Pyoderma gangrenosum After surgery simulating surgical wound infection (case report) (Ogon et al 1652)
Pyridostigmine bromide French troops in Gulf War and Gulf War syndrome investigation (Weber 1747 N)

Q

QTc-interval Abnormalities associated with psychotropic drugs (De Ponti et al 75 C); Prolongation, psychotropic drugs associated and *HERG* role (Hancox and Witchel 428 C)
Quadriceps tendon rupture In non-Hodgkin lymphoma and chronic lymphocytic leukaemia (case report) (Benecke et al 1236)
Quality of life Effect of migraine on (Weber 1007 N); Of elderly on dialysis (North Thames Dialysis Study) (Lamping et al 1543)
QUASAR Collaborative Group Fluorouracil dosage in colorectal cancer (Gray et al 1276 C) (Waters and Cunningham 1276 C)
Quinone Respiratory chain enzyme deficiency responsive to and treatment with ubidecarenone (Rötig et al 391)

R

Racial discrimination Decision-making for low-cost treatments (Hargreaves 569 N)
Radiation Chernobyl *see* Chernobyl; Longevity of atomic-bomb survivors and (Cologne and Preston 303)
Radiation proctitis Acute, topical butyrate for (randomised trial) (Vernia et al 1232)
Radiofrequency signals From mobile phones and brain cancer risk not increased (Chande 2163 N)
Radioimaging Visualisation of cell death in vivo in myocardial infarction (Strauss et al 180 Com) (Hofstra et al 209) (De Sutter et al 1439 C) (Reutelingsperger and Hofstra 2014 C)
Radiologists Not to be prosecuted over MRI scanner purchase in Australia (1254 N)
Radiophobia Chernobyl-induced and tuberculosis increase (Takamura et al 257 C)
Radiosurgery For meningioma and glioblastoma induction (Yu et al 1576 R)
Radiotherapy Benefits in breast cancer (EBCTCG) (Atkins 1269 C) (Overgaard and Bartelink 1269 C) (Bydder et al 1270 C) (Ragaz et al 1270 C) (EBCTCG Secretariat 1271 C); Cytogenetics of myelodysplasia and acute myeloid leukaemia after (Gundestrup et al 2158 R); High dose and improved survival in prostate cancer (Ashraf 317 N); Improvements by gene therapy techniques (1087 N); Omission in breast cancer and increased recurrence risk (Sainsbury 1124 Com); Postoperative and comparison with surgery only in endometrial cancer (Burger and Mol 853 C) (Creutzberg and van Putten 854 C); Restenosis reduced after femoropopliteal angioplasty by (Chande 1333 N)
Raloxifene For breast cancer (Gelmon 868 Com)
Ramipril Effect on cardiovascular and microvascular outcome in diabetes (HOPE and MICROHOPE study) (860 correction)
Randomisation SYMPHONY trial (Altman 1521 C) (Newby et al 1521 C)
Randomised controlled trials (RCT) Acute/recurrent otitis media prevention by antiadhesive oligosaccharide (NE-1530) (Pelton 1370 Com) (Ukkonen et al 1398); Aplastic anaemia treatment with antithymocyte globulin (ATG) *vs* high-dose cyclophosphamide (Marsh 1536 Com) (Tisdale et al 1554); Atovaquone-proguanil (Malarone) *vs* chloroquine-proguanil for malaria prophylaxis (Nosten 1864 Com) (Høgh et al 1888); Bias in reporting of industry-sponsored research and uncertainty principle (Djulbegovic et al 635) (Halpern et al 2193 C) (Nuesch and Dieterle 2193 C) (Djulbegovic et al 2194 C); Breech births and caesarean sections *vs* vaginal delivery (Lumley 1368 Com) (Hannah et al 1375); Calcium antagonists *vs* diuretics and ß-blockers in hypertension *see* INSIGHT study; Cholinesterase inhibitors for dementia with Lewy bodies (Cummings 2024 Com) (McKeith et al 2031); Dietary fibre and calcium supplements effects on recurrence of colorectal adenoma(Levin 1286 Com) (Bonithon-Kopp et al 1300); Dofetilide after recent myocardial infarction and left ventricular dysfunction (randomised trial) (Køber et al 2052); Doxycycline *vs* rifampicin in mild scrub-typhus (Watt et al 1057); Effect of family support on stroke patients and carers (Mant et al 808) (Mant et al 2196 C) (Weatherall 2196 C); Effect of monoclonal antibody to IL-5 on eosinophils, airway hyper-responsiveness and late asthmatic response (Boushey and Fahy 2114 Com) (Leckie et al 2144); Effect of recombinant human IL-12 on eosinophils, airway hyper-responsiveness and late asthmatic response

(Boushey and Fahy 2114 Com) (Bryan et al 2149); Effect of sibutramine on weight maintenance after weight loss (James et al 2119); ELITE II study (losartan *vs* captopril in heart failure) (Gansevoort and van Veldhuisen 851 C) (Hall 851 C) (Meyer 851 C) (Lye 852 C) (Pitt and Poole-Wilson 852 C); Eptifibatide dosing regimen in coronary stent implantation (ESPRIT) (ESPRIT Investigators 2037); Etanercept in psoriatic arthritis and psoriasis (Mease et al 385) (Marzo-Ortega et al 2095 C) (Spadaro et al 2095 C) (Taylor et al 2095 C) (Mease 2096 C); Ethics of drug trials in less-developed countries (Tan-Torres Edejer s37); Exclusive breastfeeding promoted by peer counsellors in HIV-1 infected women (Coutsoudis 1620 Com) (Haider et al 1643); FRISC II (Wallentin et al 9) (Galli and Ardissino 941 C) (1934 correction); Head lice treatment by wet-combing *vs* malathion (Chew et al 523 Com) (Roberts et al 540) (Hill 2007 C) (Ibarra et al 2007 C) (Richards 2007 C) (Downs et al 2008 C) (Roberts et al 2008 C); *Helicobacter pylori* test-and-eradicate *vs* prompt endoscopy for dyspepsia management (Lassen et al 455) (Pilotto et al 1683 C) (Lassen et al 1684 C); Immunotherapy in hepatocellular carcinoma (Jones et al 784 Com) (Takayama et al 802) (1690 correction); Impact of different ultrafiltration doses for continuous veno-venous haemofiltration in acute renal failure (Ronco et al 26) (Ho et al 1441 C) (Schiffl 1441 C) (Than and Turney 1441 C) (Ronco and Bellomo 1442 C); IMPRESS, omapatrilat *vs* lisinopril in congestive heart failure (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction); Levonorgestrel-releasing intrauterine system to prevent tamoxifen-associated endometrial lesions (Neven 1698 Com) (Gardner et al 1711); Low-dose dopamine effect in early renal dysfunction (Galley 2112 Com) (Australian and New Zealand Intensive Care Society (ANZICS) Clinical Trials Group 2139); Of medical tests, invalid and inefficient (viewpoint) (Bossuyt et al 1844); Non-invasive pressure support ventilation (NIPSV) *vs* oxygen therapy in acute cardiogenic pulmonary oedema (Masip et al 2126); Oral anticoagulant self-management *vs* specialist anticoagulant clinic management (Cromheecke et al 97) (Fitzmaurice et al 1437 C) (Levi and Büller 1437 C); Oral tolerance induction (oral insulin) in type 1 diabetes but ß-cell deterioration (Gale 526 Com) (Chaillous et al 545); Oral vitamin K treatment of warfarin-associated coagulopathy (Crowther et al 1551); Palliative-care intervention programme to enable deaths at home (Jordhøy et al 888); Patient-led and safeguarding of participants and need for protocol publication (Chalmers 774 C); Percutaneous transmyocardial laser revascularisation in severe angina (PACIFIC trial) (Oesterle et al 1705) (Senior 1742 N); Pharmacokinetics of inhaled fluticasone propionate in asthma and healthy volunteers (Israel 527 Com) (Brutsche et al 556) (Crompton 1681 C) (Lipworth et al 1681 C) (Woodcock and Daley-Yates 1682 C); Pharmacological Intervention in Atrial Fibrillation (PIAF) trial (Hohnloser et al 1789); Pulmonary hypertension prevention after congenital heart surgery by inhaled nitric oxide (Miller et al 1464); Recombinant bactericidal/permeability-increasing protein ($rBPI_{21}$) in meningococcal sepsis (van Deuren and Brandtzaeg 954 Com) (Levin et al 961); Recurrent tuberculosis prevention in HIV-1 infection by post-treatment isoniazid (Fitzgerald et al 1470); Short-term response to prednisolone in COPD and sputum eosinophilia (Brightling et al 1480); Sirolimus and ciclosporin *vs* azathioprine for renal transplant rejection reduction (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C); SPACE, secondary prevention of cardiovascular disease with antioxidants in endstage renal disease (Bnaz et al 1213); Stiripentol in severe myoclonic epilepsy in infancy (1619 E) (Trevathan 1623 Com) (Chiron et al 1638); Stroke care strategies comparison (stroke unit *vs* stroke team or specialist domiciliary care) (Hacke 869 Com) (Kalra et al 894); Tailored FEC chemotherapy *vs* marrow-supported high-dose chemotherapy in high-risk breast cancer (Bergh et al 1384) (2196 correction); Teaching mothers for home treatment of malaria in Ethiopia (Kidane and Morrow 550); Th2 cytokine inhibitor (suplatast tosilate) effect on steroid-dependent asthma (Tamaoki et al 273) (Payne 1444 C) (Tamaoki et al 1444 C); Topical butyrate for acute radiation proctitis (Vernia et al 1232); Tri-iodothyronine treatment in children after cardiac surgery (Bettendorf et al 529); Venlafaxine for hot flushes (Barlow 2025 Com) (Loprinzi et al 2059); Visceral leishmaniasis prevention by autoclaved *Leishmania major* vaccine (Khalil et al 1565); Voluntary HIV counselling and testing in community health services (Van de Perre 86 Com) (Voluntary HIV-1 Counseling and Testing Efficacy Study Group 103); See *also* Clinical trials

RANTES Polymorphisms influence on HIV-1 susceptibility and progression (Morris 1827 N)

Rapamycin Mechanism of action and target kinase (Halloran 179 Com); Renal transplantation rejection reduction, comparison with azathioprine (randomised study) (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C)

Rape HIV prevention with nevirapine (O'Farrell 773 C)

Rapid epidemiological mapping of onchocerciasis (REMO) *Loa loa* prevalence mapping in relation to ivermectin use in Africa (Thomson et al 1077 R) (1198 correction)

Rare diseases Awareness raised by European Parliament and orphan drug policy (Weber 1504 N)

Re-emerging diseases Poliomyelitis in Laos (Kuroiwa et al 1487 R)

Recombinant bactericidal/permeability-increasing protein ($rBPI_{21}$) In meningococcal septicaemia treatment (van Deuren and Brandtzaeg 954 Com) (Levin et al 961)

Recombinant DNA technology Insulin glargine (long-acting insulin analogue) production (Bolli and Owens 443 Com) (Berger 2013 C)

Recombinant human α-glucosidase From rabbit-milk for Pompe's disease (Van den Hout et al 397 R)

Rectal cancer Effect of surgical training programme on outcome in Stockholm (Martling et al 93); Regional hyperthermia (Hildebrandt et al 771 C) (van der Zee et al 772 C)

Red blood cells *Plasmodium* merozoite escape mechanism (Senior 2072 N)

Red wine Serum homocysteine level increase (Bleich et al 512 C) (Jayasinghe 512 C)

Reed-Elsevier Opposition to purchase of Harcourt by Association of Research Libraries (Larkin 1664 N)

Reeve C Plea to neuroscientists for spinal cord injury treatment strategies (Butcher 1660 N)

Referred hyperalgesia Role of central sensitisation (Cervero 1127 Com) (Sarkar et al 1154)

Refractive errors Defocus theory of myopia development and nearwork relation (Goss 1456 Com) (Weale 2194 C)

Refrigerators Contents (emptiness) and likelihood of hospital admission in elderly (Boumendjel et al 563 R)

Refugees Call for increased commitment for reproductive health promotion (Hargreaves 1910 N); Erosion of protection in Western Europe (Human Rights Watch report) (Hargreaves 2168 N); Negative health effects of asylum system in UK (Hargreaves 2168 N); Palestinian, infant and child mortality rates (Madi 312 R)

Relapsing polychondritis Diagnosis using index of textbook (Scoppetta 1612 C)

Relenza For influenza and UK guidelines changed (Ramsay 1830 N)

REM sleep Brain region reactivated during after learning new tasks and memory link (Larkin 405 N)

Renal artery stenosis Atherosclerotic and fibromuscular (Jayawardene et al 2138)

Renal dialysis see Dialysis

Renal disease Endstage, secondary prevention of cardiovascular disease with antioxidants (SPACE randomised trial) (Boaz et al 1213); Increased prevalence in silica-exposed workers (Fenwick and Main 913 R)

Renal dysfunction Early, effect of low-dose dopamine therapy (randomised trial) (Galley 2112 Com) (Australian and New Zealand Intensive Care Society (ANZICS) Clinical Trials Group 2139)

Renal failure Acute, impact of different ultrafiltration doses for continuous veno-venous haemofiltration (randomised trial) (Ronco et al 26) (Ho et al 1441 C) (Schiffl 1441 C) (Than and Turney 1441 C) (Ronco and Bellomo 1442 C); Allergy to icodextrin in peritoneal dialysis fluid (Queffeulou et al 75 C); Chronic, premature cardiovascular disease (review) (Baigent et al 147) (Wardle 854 C); Early, effect of low-dose dopamine therapy (randomised trial) (Galley 2112 Com) (Australian and New Zealand Intensive Care Society (ANZICS) Clinical Trials Group 2139)

Renal function Impairment by COX-2 inhibitors (McCarthy 141 N); Unexpected responses in space (Norsk et al 1577 R)

Renal transplantation Ganciclovir-resistant CMV disease in recipients and treatment duration effect (Drew 609 Com) (Limaye et al 645) (Legendre 1356 C); HLA matching (Dyer et al 427 C); Kidney donation from wives more likely than husbands (1178 N); Non-heart-beating donors and delayed graft function (Vanrenterghem 528 Com) (Metcalfe and Nicholson 1853 C) (Gerstenkorn et al 1854 C) (Vanrenterghem 1854 C); Rejection reduction and efficacy of sirolimus and ciclosporin *vs* azathioprine (randomised study) (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C)

Reperfusion injury Sodium-hydrogen exchange and role of sodium/hydrogen exchanger (NHE) inhibitors (Yellon and Baxter 522 Com)

Repetitive strain injury (RSI) Research called for in Netherlands (Weber 1994 N)

Reportage Public health along USA-Mexico border (McCarthy 1020)

Repressed memory Concerns and legal implications (Brahams 358 Com)

Reproduction As "inefficient" process and prediction of pregnancy loss (Semprini and Simoni 257 C); Selenium deficiency effects (Rayman 235)

Reproductive health Lack of services for women (Ahmad 1085 N); Poor standards in Pakistan for women (Ahmad 663 N); Promotion, call for increased commitment for refugees (Hargreaves 1910 N)

Res (trans-resveratrol) Actions on NF-kB as possible mechanism for French Paradox (Hargreaves 139 N)

Research In developing countries: mismatch between international conference objectives and reality (1043 E); Ethics, Declaration of Helsinki amendment (Ramsay 1336 N) (1123 E); *The Lancet* award in collaboration with Tropical Health Education Trust (Parry and Horton 1050 Com); Misconduct see Scientific misconduct; More accountability for public funding needed (McNamee 1948 Com); New initiatives funded by Canadian Institutes of Health Research (Kondro 2078 N); In NHS (Metz 433 C); Physicians and funding by patents for intellectual property for medical processes/diagnoses (Korn and Meyer 2015 C) (Kaufman 2016 C) (Schäfer and Giagounidis 2016 C); Policy in US and US election deadlock effect (Greenberg 1829 N); Reorganisation in Uruguay (Suárez and Velluti s53); See *also* Medical research

Residential care UK government reform proposals and concerns (Dean 919 N)

Respiratory chain Quinone-responsive multiple enzyme deficiency treated by ubidecarenone (Rötig et al 391)

Respiratory diseases In Africa, causes and effects (Obaro s55); Indoor pollution association in Ancient Rome (Capasso 1774 C)

Respiratory distress syndrome Pumactant *vs* poractant alfa in neonates (Gillespie and Madar 167 C) (600 correction) (Morley 765 C) (Wardhaugh and Matthes 765 C) (Ainsworth et al 766 C)

Respiratory tract infections In Africa (Obaro s55)

Restenosis After angioplasty prevented by Sulindac (Chande 1333 N); After femoropopliteal angioplasty reduced by radiotherapy (Morris 1906 N); Coronary and role of nickel/molybdenum contact allergy (Köster et al 1895); Prevention by gene-coated stents (Morris 1581 N); In type III Gaucher's disease (D409H mutation) (case report) (Ward et al 2154)

Restriction fragment length polymorphisms (RFLP) For classification of drug-resistant tuberculosis (Van Rie et al 22) (Sonnenberg et al 1930 C) (DeRiemer et al 1931 C) (van Rie et al 1932 C)

Resuscitation CPR guidelines for lay people (McCarthy 741 N)

Retinal vessels Retrograde cerebral perfusion via (Ono et al 1323 R)

Retinitis pigmentosa Personal account of difficulties, myths/facts, legal perceptions and distresses and positive aspects (Vance 1517)

Retinopathy Diabetic, insulin glargine effects (Bolli and Owens 443 Com) (Berger 2013 C)

Retroperitoneal endoscopic debridement For infected peripancreatic necrosis (Seifert et al 653 R)

Rett syndrome In males due to somatic mosaicism of MECP2 mutation (Clayton-Smith et al 830 R)

Revascularisation Cardiogenic shock in acute coronary syndromes (review) (Hasdai et al 753) (Hauptman 1687 C) (Piovan et al 1687 C)

Review Series

Cardiogenic shock complicating acute coronary syndromes (Hasdai et al 749)
Immune-based diagnosis of tuberculosis (Andersen et al 1099)
Importance of selenium to human health (Rayman 233)
Inborn errors of metabolism around time of birth (Leonard and Morris 583)
Intrauterine device and upper genital tract infections (Grimes 1013)
Premature cardiovascular disease in chronic renal failure and need for interventions (Baigent et al 147)
Public health preparedness for biological terrorism in US (Khan et al 1179)

Rheumatic fever, acute Pharyngeal carriage of groups C and G streptococci linked in Aborigines (Haidan et al 1167 R)

Rheumatoid arthritis Aggressive strategies for aggressive disease (Furst 183 Com); Chronic vasculitic ulcers treated by NGF (Tuveri et al 1739 R); Magnetic resonance imaging value (Boers 1458 Com); Severity associated with dinucleotide repeat in non-coding region of interferon-αβ gene (Ollier 783 Com) (Khani-Hanjani et al 820) (Keown et al 2191 C) (Vandenbroeck et al 2191 C) (Lanchbury et al 2192 C)

Ribavirin Interferon-alfa with and recovery from chronic hepatitis C (Fontaine et al 41 R)

Ricci M Mnemonic performance (Manuel 1611 C)
Ricinus communis Poisoning (Mera 1446 C)
Rickets In African-American infants and need for vitamin D supplementation (Ramsay 570 N); Nutritional, causing bulging anterior fontanelle in infant (case report) (Biswas et al 132); In Wilson's disease (Kashyap and Kumar 1894)
Rickettsia felis Rickettsiosis in Yucatán (Zavala-Velázquez et al 1079 R)
Rifampicin Doxycycline *vs* in mild scrub-typhus infection in Thailand (randomised trial) (Watt et al 1057)
Rift Valley fever Deaths in Saudi Arabia and Yemen (Ahmad 1422 N); In Saudi Arabia (1178 N)
Right-to-left shunts Effect of closure on migraine symptoms (Wilmshurst et al 1648)
Ritodrine Tocolytic choice for preterm labour (Hannah 699 Com)
Ritonavir Adverse effects (Carr and Cooper 1428)
Rivastigmine New applications and use in dementia with Lewy bodies (randomised trial) (Cummings 2024 Com) (McKeith et al 2031)
Robots Driven by cortical signals from monkeys (Morris 1743 N)
Roll Back Malaria (RBM) African Summit and G8 countries' support (521 E) (Hanson et al 1855 C) (Lengeler 1855 C); Implementation and donor responsibilities (521 E) (Hanson et al 1855 C) (Lengeler 1855 C); Partnership meeting and strategy (Morris 144 N)
Romania Anthrax outbreak "under control" (Antoniu 664 N); High levels of smoking by doctors (Antoniu 1420 N); Increase in AIDS amongst adults (Antoniu 1090 N)
Ropinirole Sleep episodes in Parkinson's disease and (Pirker and Happe 597 C) (Ferreira et al 598 C)
RotaShield Rotavirus vaccine, ethics of risk testing and of use (Melton 318 N)
Rotavirus Group-A, emergence and nosocomial outbreak of neonatal diarrhoea (P[6]G9) (Widdowson et al 1161 R); Vaccine approval process and conflicts of interest in US (McCarthy 838 N); Vaccine and ethics of risk testing and of using (Melton 318 N)
Rotenone Parkinson's disease link (Butcher 1659 N)
Royal College of Paediatrics and Child health Formulary for children (1619 E)
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Royal Society Interview with President Elect (May R) (Bradbury 406 N)
Royal Society of Medicine Website (Larkin 1777)
Rub-ins With disinfectants, stinging with use as early sign of irritant contact dermatitis (Lübbe et al 768 C)
Russia Public health (Demine s49)

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Sacks O (84 L)
Safe Motherhood Initiative (Misago and Murphy-Lawless 78 C)
Safe sex For Asia-Pacific adolescents (website) (Larkin 1365)
St John's wort Efficacy and assessment (Knipschild s4)
Salbutamol Regular use in asthma (Fowler and Lipworth 853 C)
Saliva HIV-1 transmission risk (Cohen et al 272 Com)
Salpingitis Intrauterine devices associated (review) (Grimes 1013)
Salt Iodisation, mandatory order ended in India (Sharma 1090 N); Non-iodised, approval in India (Kapp 1992 N)
Saquinavir Potency agreement called for by Hoffmann-La Roche (Jack 1581 N)
Sarah's law Media campaign for introduction (Dean 745 N)
Sarawak Nipah virus infection in pigs and natural reservoir (Ahmad 230 N)
Sarcoma Kaposi's, outlook in oral *vs* cutaneous disease (Rohrmus et al 2160 R)
Sarcoplasmic reticulum Ca^{2+} ATPase Etomoxir action and new approach to chronic heart failure treatment (Bristow 1621 Com)
Saudi Arabia Government clampdown after experimental uterine transplantation (Kandela 838 N); Rift Valley fever (1178 N); Rift Valley fever deaths (Ahmad 1422 N); Treatment of women denounced by Amnesty International (Ahmad 1252 N)
Save the Children Fund Work in Ethiopia (Gostelow s19)
Scabies Crusted and differential diagnosis from psoriasis (case report) (Gach and Heagerty 650)
Scaffolding Structures for stem cell growth (McCarthy 1500 N)
scFvH6 Candidal treatment (Bradbury 1332 N)
Schistosoma haematobium infection Increased Th2 cells and IL-10 but atopy reduction (Holt 1699 Com) (van den Biggelaar et al 1723)
Schizophrenia Advantages of depot antipsychotics (Kennedy and Mikhail 594 C); Dopamine hypothesis supported by increased dopamine and dopamine D_2 receptors (Butcher 140 N); Evidence for dopamine hypothesis (Butcher 140 N) (Harrison 958 Com) (1528 correction)
Science EU science/technology discussions as part of European Science and Technology Week (McNamee 1748 N); In headlines (website) (Larkin 1039); Ideas as more important than experiments (viewpoint) (Martin 934); Public understanding, "junk science", "Voodoo science" (1781 E)
Scientific misconduct Consequences of reports of medical complications as a result of public attention to (Gortner et al 2015 C); By German oncologists and random checks on researchers proposed after (Weber 53 N); Interferon alfa-2b in Behçet's disease and retraction of results (Horton 1292 Com) (Demiroglu 1351 C) (Dündar and Özcebe 1351 C) (Eldem 1351 C) (Sayek 1351 C); UK failure to act/prevent, Committee on Publication Ethics (COPE) and need to implement Edinburgh agreement (Farthing et al 2030 Com); *See also* Fraud
Scientists Acknowledgement of intellectual achievement (Korn and Meyer 2015 C) (Kaufman 2016 C) (Schäfer et al 2016 C); Whistleblowing in Canada over use of recombinant bovine somatotropin (Kondro 1091 N)
Scleromyxoedema-like cutaneous disease In renal dialysis patients (Cowper et al 1000 R)
Scotland Increased ciprofloxacin resistance in gonococci (Forsyth et al 1984 R)
Screening Autism (Senior 490 N); For autoantibodies in subacute cerebellar ataxia (Trivedi et al 565 R); Breast cancer and insurance consequences (Thornton 1033 C); Breast cancer *see* Mammography; Cardiac, of children with HIV-1 infection for left ventricular abnormalities (Morris 1172 N); Of elderly with physical illness for depression and treatment (Katona and Livingston 91 Com) (Shinkawa et al 942 C); For hearing impairment in neonates (O'Donoghue et al 466); Lung cancer and cautions on over-use (Mayo Lung Project) (Hutchinson 742 N); Maternal, in prevention of neonatal group B streptococcal disease (Halliday et al 1407 R); Neonatal for permanent childhood hearing impairment (Kennedy et al 1903 R); Neonates for cystic fibrosis in France (Scotet et al 789) (Dudding et al 1930 C); Neonates and need for programme reform in US (McCarthy 571 N); Ovarian cancer by CA-125 (UK trial) (1826 N); Prostate cancer, sensitivity improved by IGF-I and IGFBP-3 measurements (Wolk et al 1902 R); For risk of falling in elderly by Tinetti balance scale (Raiche et al 1001 R); Routine screening of women taking tamoxifen unnecessary (Senior 1415 N); Sickle-cell disease in Brazil (Serjeant 168 C); vCJD and doubts over precision (Bonn 833 N)
Scrotum Subclinical microtraumatisation in extreme mountain biking (Frauscher et al 1414 R); Ultrasonography (Dohle and Schröder 1625 Com)
Scrub typhus Doxycycline *vs* rifampicin in Thailand (randomised trial) (Watt et al 1057); HIV-1 infection suppression (Watt et al 475) (Colebunders et al 1765 C) (Ariyoshi and Whittle 1766 C) (Watt et al 1766 C) (Ikeda and Yoshida 1851 C)
Scuba diving No risk of neurological injury for safe diving methods (Larkin 2073 N); Screening for patent foramen ovale before (Larkin 2073 N)
Seborrhoeic dermatitis Role of patents/intellectual property rights in stimulating (viewpoint) (Rees 849) (Korn and Meyer 2015 C) (Kaufman 2016 C) (Schäfer and Giagounidis 2016 C)
Second-messenger system Bitter taste (Brand 1371 Com)
Secure hospitals UK plan (409 N)
Sedation In terminally ill patients (Hardy 1866 Com)
Seizures In cerebral malaria in children and phenobarbital effect (Crawley et al 256 C) (Verhoef et al 256 C)
Selective serotonin reuptake inhibitors (SSRI) Premenstrual syndrome treatment (meta-analysis) (Steiner 1126 Com) (Dimmock et al 1131); Treatment for compulsive shopping (Larkin 2163 N)
Selenium Deficiency and effects (Rayman 233) (Yusuf 943 C); Importance to human health (review) (Rayman 233) (Ørskov and Flyvbjerg 942 C) (Fryer 943 C) (Sher 943 C) (Yusuf 943 C); Intake and status in Europe (Rayman 238); Interactions with metals in foods (Rayman 239); Sources and bioavailability (Rayman 239)
Selenoproteins Role and importance of selenium (Rayman 234)
Semen Hepatitis C virus (HCV) detection (Leruez-Ville et al 42 R) (Dore and Kaldor 1520 C) (Leruez-Ville et al 1520 C); Oral HIV-1 transmission risk (Cohen et al 272 Com); Quality after prenatal exposure to PCBs and dibenzofurans (Guo et al 1240 R)

Seminars

Barrett's metaplasia (Jankowski et al 2079)
Contraception (Kubba et al 1913)
Epidemiological evidence of health risks of mobile phones (Rothman1837)
Exercise testing in clinical medicine (Ashley et al 1592)
Hypertensive emergencies (Vaughan and Delanty 411)
Management of epilepsy in adolescents and adults (Brodie and French 323)
Physics and biology of mobile phones (Hyland 1833)
Pre-eclampsia (Walker 1260)
Proteomics: new perspectives, new biomedical opportunities (Banks et al 1749)
Traumatic brain injury (Ghajar 923)

Sense (charity) Help for disabled with Usher's syndrome (Henderson s18)
Sensory loss In Brown-Séquard syndrome (Tattersall and Turner 61)
Sensory restoration Regeneration of cutaneous innervation in hand allograft (Kanitakis et al 1738 R)
Sentinel node biopsy In breast cancer (Jones et al 682 C) (Nieweg et al 1770 C)
Sepsis Disinfectant contamination with *Klebsiella oxytoca* as source in babies (Reiss et al 310 R); From contaminated disinfectants in Germany (Rögg'a 574 N)
Serological diagnosis Inflammatory bowel disease (Rutgeerts and Vermeire 2117 Com)
Serotonin Implant of embryonic raphe cells producing in paraplegic rats (Weber 227 N); Role in heart development and effect of $5\text{-}HT_{2B}$ receptor mutation (Bonn 659 N)
Serotonin transporter gene Susceptibility to bipolar affective puerperal psychosis (Coyle et al 1490 R)
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Serum sickness-like reactions To drugs (Knowles et al 1588)
Severe combined immunodeficiency disease (SCID) Gene therapy (High s8)
Sewage Vaccine-derived polioviruses and characterisation (Yoshida et al 1461)
Sex Changing perceptions in developed countries (Rosenthal and Dowsett s58)
Sex differences Association with survival from chemotherapy in colorectal cancer (Rosell and Abad 857 C) (Scott and Spigelman 857 C) (Buyse et al 858 C) (Iacopetta and Elsaleh 858 C); Autoimmune disease prevalence (McCarthy 1088 N); Effects of nicotine (Jarrett 226 N); In health-seeking behaviour in patients with cough (Thorson et al 1823 R)
Sex hormones As possible therapy for autoimmune disease (McCarthy 1088 N)
Sex ratio Births/deaths in Japan (Mizuno 738 R); Children in Austrian chloracne cohort (Moshammer and Neuberger 271 C)
Sex-offence laws To be reconsidered in UK after media campaign (Dean 745 N)
Sexual assault HIV prevention with nevirapine after rape (O'Farrell 773 C)
Sexual discrimination Health care service provision to women (Ahmad 1085 N)
Sexual function Restoration by testosterone patch after surgical menopause (916 N)
Sexual intercourse Safe sex for Asia-Pacific adolescents (website) (Larkin 1365)
Sexuality Changing perceptions in developed countries (Rosenthal and Dowsett s58)
Sexually transmitted diseases (STDs) Ethics of mass treatment (Clark 225 N) (Buvé et al 1115 C) (Hudeson and Smith 1115 C)
Shaken impact syndrome Incidence in young children (Barlow and Minns 1571 R)
Shaking of limbs Transient ischaemic attacks from innominate artery occlusion causing in syphilitic aortitis (case report) (Brotman and Fotuhi 1734)
SHARE study Ethnic disparities in cardiovascular risk (Levy and Kannel 266 Com) (Anand et al 279) (Bell 1109 C) (Segall 1853 C)
Sheep DNA insertion into specific chromosome region in adult sheep cell (48 N)
SHOCK trial Revascularisation in cardiogenic shock in acute coronary syndromes (Hasdai et al 753) (Hauptman 1687 C) (Piovan et al 1687 C)
Shopping Compulsive and SSRI treatment (Larkin 2163 N)
Short stature In Wilson's disease (Kashyap and Kumar 1894)
Siamese twins *see* Twins, conjoined
Sibrafiban Aspirin *vs* for prevention of cardiovascular events after acute coronary syndrome (SYMPHONY trial) (Altman 1521 C) (Newby et al 1521 C)
Sibutramine Effect on weight maintenance after weight loss (randomised trial) (James et al 2119)
Sickle-cell disease Antisickling activity of sodium cromoglicate (Toppet et al 309 R); Screening in Brazil (Serjeant 168 C)
Sierra Leone Krukenberg procedure as option for double hand amputees (Irmay et al 1072)
Sign language Frontal cortex involvement similar to speech processing (Larkin 1989 N); Online dictionary (Larkin 2109)

Signal transduction Bitter tastes and dysgeusia (Brand 1371 Com)
Signalling Nobel Prize awarded to neuroscientists (Butcher 1331 N)
Signs/symptoms (*The way it is*) (777 D)
Silica exposure Increased prevalence of renal disease with (Fenwick and Main 913 R)
Silver D (350 L)
Singapore Hand, foot and mouth disease outbreak (Ahmad 1338 N); Tighter abortion controls wanted (Ahmad 747 N)
Single cells Retrieval using microrobots (48 N)
Single nucleotide polymorphisms (SNPs) Genetic association studies in complex disease (Burgner and Hull 599 C)
Single photon emission computed tomography (SPECT) During sleepwalking (Basetti et al 484 R)
Sirolimus Renal transplantation rejection reduction, comparison with azathioprine (randomised study) (Halloran 179 Com) (Kahan et al 194) (Gleadle and Mason 1768 C) (Kahan 1768 C)
Sitosterolaemia Mechanism of coronary heart disease in (Chande 1906 N)
Sjögren's syndrome Multiple distal interphalangeal joint dislocation (Nanke et al 1550)
Skin Reactions to anticonvulsants (Kaufman and Shapiro 1340); Whitening (Kullavanijaya s59)
Skin cancer Pathogenesis and sun-mediated suppression of contact hypersensitivity (Leffell 699 Com)
Skin care Stinging with use of alcoholic disinfectant as sign of irritant contact dermatitis (Lübbe et al 768 C)
Skin disease In less-developed countries (Kullavanijaya s59); Scleromyxoedema-like associated with dialysis (Cowper et al 1000 R)
Skin-piercing procedures Hepatitis B outbreak linked (Webster et al 379)
Skull fracture Child abuse or freak accident? (Blumenthal 258 C)
Sleep Brain region reactivated during after learning new tasks (Larkin 405 N); Deprivation causing memory formation impairment (Butcher 1907 N); Disturbance, decreased melatonin secretion after surgery causing (Cronin et al 1244 R); Effect of deprivation on growth hormone secretion (Brandenberger et al 1408 R) (Lieb et al 2096 C); Episodes in Parkinson's disease associated with dopamine agonists (Pirker and Happe 597 C) (Ferreira et al 598 C); Role of slow-wave and REM sleep in memory formation (Butcher 1907 N)
Sleep apnoea Role in epilepsy in elderly (Duell 162 C)
Sleepwalking Single photon emission computed tomography (SPECT) (Basetti et al 484 R)
Slovakia Health care concerns (Glass 230 N)
Smacking Ban in Europe and UK legal position review (1 E); Definition (David 600 C)
Smartcards Authority granted under new Canadian Act (Kondro 2168 N); Electronic patient records for Australia (Carter and Loff 575 N)
Smells Inability to detect in early Alzheimer's disease (835 N)
Smoking Anti-tobacco measures increased in India (Kumar 1089 N); Bigger warning labels on cigarettes in Canada and comparison with Europe (Senior 139 N); Cancer mechanism associated with p53 mutation selection (Larkin 1499 N); Cholesterol-lowering therapy (life-table analysis) (viewpoint) (Bonneux 2004); Colorectal cancer mortality association (Bradbury 2072 N); Exposure in restaurant for asthmatic and damages awarded in Australia (1092 N); Healthy lifestyle as new year's resolution (Larkin 2164 N); Histamine airway hyper-responsiveness and mortality prediction in COPD (Hospers et al 1313); Initiatives against in Tokyo Declaration at 9th World Conference on Lung Cancer (Harrigan 1173 N); Nargile, increase in Arab societies and risks (Kandela 1175 N); Number of children in developing countries (664 N); Oxidative damage to vascular endothelium and coronary restoration by vitamin C (Morris 1007 N); Romanian doctors' habits (Antoniu 1420 N); Trends in China and need for smoking cessation services (Abdullah 432 C); *See also* Tobacco
Smooth muscle Proliferation inhibited by wine polyphenols and possible mechanism for French Paradox (Grainger 92 Com)
Snake antivenom Supply problem in Africa (Tehakson and Warrell 2104 C)
Snow J Cholera epidemic in London in 1854 (Brody et al 64) (Morens 1688 C) (Plaut 1688 C) (Vandenbroucke 1688 C) (Brody et al 1689 C)
Social amnesia In mice caused by absence of oxytocin gene (Mullan 49 N)
Social model For safe birth (Misago and Murphy-Lawless 78 C)
Social networks Influence on dementia occurrence (Rabin 76 C) (Tilvis et al 77 C) (Plattner and Ehrhardt 433 C)
Sodium butyrate enema For acute radiation proctitis (randomised trial) (Vernia et al 1232)
Sodium cromoglicate Antisickling activity in sickle-cell disease (Toppet et al 309 R)
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Somatic mosaicism MECP2 mutation and non-fatal neurodevelopmental disorder (Rett syndrome) in males (Clayton-Smith et al 830 R)
South Africa AIDS activists apply for urgent permission for use of fluconazole (Baleta 1584 N); AIDS activists to take government to court (Baleta 746 N); AIDS activists' victory over approval for generic fluconazole (Morris 1994 N); Confusion over President's stance on HIV (Baleta 1090 N); Decision on use of nevirapine to prevent vertical transmission of HIV deferred (Morris 1912 N); Groote Schuur Hospital heart transplant unit to remain open (Baleta 922 N); HIV prevention with nevirapine after rape (O'Farrell 773 C); HIV-1_c vaccine trial planned (Ramsay 1336 N); HIV/AIDS policy and defiance of President at International AIDS conference (Horton 225 N) (Butler 1445 C); Medical migration and effect on health care (Bundred and Levitt 245) (Dandona 1196 C) (Loefler 1196 C) (Lucas 1197 C) (Munoz 1197 C) (Heard 1198 C); Murders after HIV positive results (Morris 840 N); Policy/controversy and strategy on AIDS and TRIPS agreement on drugs (Horton 1541 Com); Snake antivenom supply problem (Tehakson and Warrell 2104 C); Tainted blood exported via Austria and investigations (Kumar 920 N); Treatment Action Campaign (TAC), fluconazole approval (Morris 1994 N); Treatment Action Campaign (TAC) for AIDS (Morris 840 N) (Baleta 1584 N) (Morris 1912 N); Tuberculosis control and molecular epidemiology in gold-mining community (Godfrey-Faussett et al 1066); Tuberculosis (van Helden and Hoal-van Helden s61)
South African Intrapartum Nevirapine Trial (SAINT) Nevirapine safe and effective for mother-to-child transmission of HIV prevention (Clark 316 N)
South America Climate change affects health (Iglesia-Rogers 408 N); Measles eradication close (McCarthy 1247 N)
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South Korea Doctors end strike (Ahmad 54 N); Doctors strike in fight against drug reforms (Watts 1583 N)
Southern Africa AIDS as main priority (Ahmad 662 N)
Southern African International Dialogue AIDS as main priority (Ahmad 662 N)
Southwood report (1989) On BSE origin described in Phillips report (Ashraf 1579 N)
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Spain Alternative health body sued by doctors (Bosch 494 N); Ban on cattle imports after BSE in France and EU tensions (Bosch 1746 N); BSE surveillance system flaws (Bosch 1746 N); *Escherichia coli* outbreak and mismanagement claim (Bosch 1665 N); Heart operation waiting times reduced (Bosch 1338 N); Hospital independence ("health-foundations") ruling reversed (Bosch 1503 N); Lawsuit (medical negligence) avoidance (Trilla and Bruguera 1266); New role proposed for pharmacists (Bosch 53 N); Nurse recruitment for UK and controversy (Bosch 1831 N); Pharmacists' strike over benefit cuts (Bosch 322 N); Publicising of names of men convicted of domestic violence (Bosch 1421 N); Specialist training changes (Bosch 1586 N); Transplant pioneer (Matesanz R) dismissed as president of Committee of Experts on Transplants at Council of Europe (Bosch 1253 N); Traveller's diarrhoea and plant poisoning (Mera 1446 C)
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Spermatozoa Motility and selenium deficiency effects (Rayman 235)
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Sports Tobacco sponsorship and tough stance in Ireland (Birchard 1254 N); Traumatic atherosclerotic plaque rupture causing cerebral infarction (case report) (Meairs et al 40)
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Stiff man syndrome Immune response to glutamic acid decarboxylase 65 (GAD 65) (Atkinson 4 Com) (Lohmann et al 31)
Stimulants Health effects of stimulant (functional energy) soft drinks of concern in Ireland (Birchard 1911 N)
Stiripentol In severe myoclonic epilepsy in infancy (randomised trial) (1619 E) (Trevathan 1623 Com) (Chiron et al 1638)

Stockholm Colorectal Cancer Study Group Effect of surgical training programme on rectal cancer outcome (Martling et al 93)
Stomach cancer see Gastric cancer
Streptococcal disease Group B, neonatal disease prevented by maternal screening (Halliday et al 1407 R)
Streptococci Groups C and G, pharyngeal carriage and link to acute rheumatic fever in Aborigines (Haidan et al 1167 R); Pharyngeal colonisation prevention (Bradbury 1332 N)
Streptococcus gordonii Engineered to produce scFvh6 and eradicate Candida albicans (Bradbury 1332 N)
Streptococcus pneumoniae Antibiotic-resistance in vaccine serotypes (Spratt and Greenwood 1210 Com)
Stress Acute/chronic in asthma attacks in children (Sandberg et al 982) (Poteliakhoff 1932 C); Myocardial blood flow response in coronary artery disease (Arrighi et al 310 R)
Striatum Fetal neuroblast transplantation in Huntington's disease (Lindvall and Björklund 1945 Com) (Bachoud-Lévi et al 1975); New dopaminergic neurons in Parkinson's disease (Porritt et al 44 R)
Stridor Nocturnal in multiple system atrophy and elimination by continuous positive air pressure (Iranzo et al 1329 R)
"Strimmer's rash" *Vs* unilateral chickenpox (The way it is) (1116 D)
Stroke Acute ischaemic, heparin *vs* aspirin (Pereira and Warburton 73 c); Benefits of constraint-induced movement (1989 N); Comparison of care strategies (stroke unit *vs* stroke team or specialist domiciliary care)(randomised trial) (Hacke 869 Com) (Kalra et al 894); Depression after and no evidence for effect of lesion location (systematic review) (Carson et al 122); Early hypothermia benefits (835 N); Effect of family support on patients and carers (randomised trial) (Mant et al 808) (Mant et al 2196 C) (Weatherall 2196 C); Exercise-induced in unfit (Senior 1742 N); Hyperacute and intra-arterial thrombolytic therapy (Nawashiro and Fukui 1111 C) (Barber et al 1112 C); Increased risk with A12308G polymorphism in mitochondria (Pulkes et al 2068 R); Ischaemicatherogenic lipid profile in elderly (Cuchel et al 401 R); heparin *vs* aspirin (Pereira and Warburton 504 C) (Toni et al 504 C) (Berge et al 505 C) Limb paresis after and effect of deep brain stimulation (Phillips and Bhakta 222 R); Neuronal grafting progress and safety concerns (Morris 743 N); Neuroprotection not observed with gavestinel (Wardlaw et al 597 C); Neuroprotective agent failure (Drummond et al 1032 C); Prevention in Africa (Cappuccio et al 677 C) (Yikona 678 C); Recurrence prevention by closure of right-to-left shunts and effect on migraine symptoms (Wilmshurst et al 1648); Safe feeding methods (Dennis and Warlow 594 C) (Smithard 595 C) (Teramoto et al 1352 C)
Stroke unit Stroke team or specialist domiciliary care comparison (randomised trial) (Hacke 869 Com) (Kalra et al 894)
Study of Health Assessment and Risk in Ethnic Groups (SHARE) Ethnic disparities in cardiovascular risk (Levy and Kannel 266 Com) (Anand et al 279) (Bell 1109 C) (Segall 1853 C)
Stuttering Neuroimaging (Sandak and Fiez 445 Com)
Subarachnoid haemorrhage In cerebral venous sinus thrombosis and treated by anticoagulants (case report) (Ciccone et al 1818)
Subcortical grey matter Age-related lesions and cognitive decline (Steffens et al 1686 C)
Sudan South, health care improvements (Bower 661 N); Visceral leishmaniasis prevention by autoclaved *Leishmania major* vaccine (randomised trial) (Khalil et al 1565)
Sudden cardiac death Risk factors after repair of tetralogy of Fallot (Gatzoulis et al 975)
Sudden death Neonates, due to inborn errors of metabolism (review) (Leonard and Morris 583)
Suicide Digitalis poisoning presenting as acute coronary syndrome with A-V block (case report) (Brunner et al 1406); Medical malpractice case in US and contribution of patient's own negligence (Corcoran 1212 Com); Rates increased in Ireland (Birchard 2076 N); Young people in EU and preventive action needed (Weber 1092 N); *See also* Physician-assisted suicide
Sulindac Restenosis after angioplasty prevented (mice) (Chande 1333 N)
Sumatra Earthquake survivors (Okumura 599 C)
Sun Suppression of contact hypersensitivity and skin cancer pathogenesis (Leffell 699 Com)
Suplatast tosilate Effect on steroid-dependent asthma (randomised study) (Tamaoki et al 273) (Payne 1444 C) (Tamaoki et al 1444 C)
Suramin Role in drug-resistant cancers (226 N)
Surfactants Pumactant *vs* poractant alfa in respiratory distress syndrome (Gillespie and Madar 167 C) (600 correction) (Morley 765 C) (Wardhaugh and Matthes 765 C) (Ainsworth et al 766 C)
Surgeon Laparoscopic cholecystectomy experience impact on hospital stay and morbidity (McMahon et al 1632); Neale R struck off and lack of early action by GMC after striking off in Canada (Ramsay 403 N)
Surgery Ancient Egyptian prosthesis of big toe (Nerlich et al 2176); Breast-conserving, increase in use and inappropriateness of primary care (Sainsbury 1124 Com) (Nattinger et al 1148); Chest from Mary Rose (history) (Richardson 862 D); Child deaths "possibly preventable" in Canada (Kondro 1993 N); For colorectal cancer in elderly (systematic review) (Alley 956 Com) (Colorectal Cancer Collaborative Group 968); Decreased melatonin secretion (Cronin et al 1244 R); Effect of training on rectal cancer outcome inStockholm (Martling et al 93); Endometrial cancer and comparison with surgery plus postoperative radiotherapy (Burger and Mol 853 C) (Creutzberg and van Putten 854 C); Epilepsy (Brodie and French 323 S) (Brodie and French 327 S) (Blau 1690 C); Experimental and Saudi Arabian clampdown after uterine transplantation failure (Kandela 838 N); Facial cosmetic (Peled s46), (Alam et al s60); Heart see Cardiac surgery; Immunotherapy in hepatocellular carcinoma after (Jones et al 784 Com) (Takayama et al 802) (1690 correction); Krukenberg procedure as option for double hand amputees in Sierra Leone (Irmay et al 1072); Pain after stapled haemorrhoidectomy (Cheetham et al 730) (Herold and Kirsch 2187 C) (Jongen and Bock 2187 C) (Pescatori 2188 C) (Rowsell et al 2188 C) (Beattie and Loudon 2189 C) (Keighley 2189 C) (Londo 2189 C) (Cheetham and Phillips 2190 C); Patient selection fears with comparison of results from different hospitals (Yokota et al 1689 C); Plastic surgery with few resources (Operation Smile International) (Bermudez R s45); Prophylactic, cultural factors causing variation in decisions (Julian-Reynier et al 1687 C); Pyoderma gangrenosum after and wound infection simulated by (case report) (Ogon et al 1652); Results of gastric cancer outcome in Japan (Yokota et al 1689 C); Success rate for conjoined twins (Spitz and Kiely 1765 C); Website (Larkin 690)
Surgical instruments Contamination in India and Delhi hospital case (Kumar 576 N); vCJD transmission risk (Bonn 833 N)
Surgical wounds Healing and factors affecting (Buggy 355 Com); Healing and influence of anaesthetic management (Buggy 355 Com)
Surveillance of disease Better disease tracking needed in US (840 N); Variant CJD prevalence in UK children (Verity et al 1224); *See also* Epidemiology
Surveillance, Epidemiology, and End Results (SEER) study Breast-conserving surgery in breast cancer (Sainsbury 1124 Com) (Nattinger et al 1148)
Swallowing Assessment after stroke and safe feeding methods (Dennis and Warlow 594 C) (Smithard 595 C) (Teramoto et al 1352 C)
Swaziland HIV isolation camps called for (748 N); Sterilisation of HIV patients (Ahmad 321 N)
Sweat gland Dysfunction in exertional heat illness (Shuster 596 C)
Sweden Childbirth expectations, choices and trends (Sjögren s12); Effect of surgical training programme on rectal cancer outcome in Stockholm (Martling et al 93); Medical response to disasters (Kulling and Norberg s20)
Swedish Trial in Old Patients with Hypertension-2 (STOP 2) study (MacMahon and Neal 352 Com)
Sweet responsiveness Leptin effect and explanation for diets failure (Bradbury 1087 N)
Swiss HIV Cohort Study HIV-1 infection and HCV coinfection and impact and timing of antiretroviral drugs (Greub et al 1800)
Switzerland Heroin prescription for addicts and improved quality of life (Weber 1177 N); Red Cross ban on blood from UK donors (Kapp 1746 N)
Sympathetic nervous system Activation associated with water drinking (Mathias 1046 Com) (Scott et al 2013 C); Modulation by posture in chronic heart failure (Fujita et al 1822 R)
SYMPHONY trial Pandomisation (Altman 1521 C) (Newby et al 1521 C)
Syncope In spontaneous mediastinal haemorrhage (case report) (Armstrong et al 1322)
Syndrome X As late complication of bone marrow transplantation (Socié 957 Com) (Taskinen et al 993)
Synovial fluid Lubricant similar to for hip replacements (Hargreaves 1826 N)
Syphilitic aortitis Innominate artery occlusion causing transient ischaemic attacks and limb shaking (case report) (Brotman and Fotuhi 1734)
Syringomyelia Presenting with scoliosis and respiratory failure (Kuruvilla 1609 C) (Stanners and Fuller 1609 C)
Syrinx Rupture, presenting with scoliosis and respiratory failure (Kuruvilla 1609 C) (Stanners and Fuller 1609 C)
Systematic reviews Surgery for colorectal cancer in elderly (Alley 956 Com) (Colorectal Cancer Collaborative Group 968); *See also* Meta-analysis
Systemic Lupus Activity Measure (SLAM) (Sinha 448 Com)
Systemic lupus erythematosus False positives of prenatal Down's syndrome and neural tube tests (La Montagna et al 1194 C); High-dose chemotherapy and haemopoietic stem-cell transplantation (phase I study) (Traynor et al 701)
Systolic blood pressure Effects of oral water (Mathias 1046 Com) (Scott et al 2013 C); Mortality and (Kondo 682 C) (White 682 C) (Marshall 683 C) (Port 683 C)
Systolic Hypertension in the Elderly Program (SHEP) Systolic blood pressure and mortality (Kondo 682 C) (Port 683 C)

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Tacrolimus Proteins binding to (Hailoran 179 Com)
Takayasu's arteritis Case presentation/history/diagnosis and treatment (Numano et al 1023) (Altschuler and Wheat 2013 C)
Taliban Female aid worker ban revoked (Ahmad 321 N); Some women employees allowed to return to work (Ahmad 748 N)
Tamoxifen For breast cancer and endometrial cancer risk increased with adverse prognosis (Gelmon 868 Com) (Bergman et al 881); In breast cancer and routine screening unnecessary (Senior 1415 N); In breast cancer and tamoxifen metabolite (Benson and Purushotham 591 C) (Pujol 591 C); Endometrial lesions caused by and prevention by local levonorgestrel treatment (randomised trial) (Neven 1698 Com) (Gardner et al 1711); Risk of contralateral breast cancer in *BRCA1/BRCA2* mutation carriers (case-control) (Narod et al 1876)
Tanzania Assessment of 1-year teaching programme for rural health care workers (Birrell and Birrell 1084 R); HIV voluntary counselling and testing and cost-effectiveness (Van de Perre 86 Com) (Sweat et al 113) (Moses et al 1602 C) (Sweat and Coates 1602 C) (Coates et al 1603 C) (Decosas 1603 C) (Müller 1604 C); HIV voluntary counselling and testing efficacy (randomised trial) (Van de Perre 86 Com) (Voluntary HIV-1 Counseling and Testing Efficacy Study Group 103)
Taste Molecular mechanisms and possible treatment for bitter taste (Brand 1371 Com); Sweet, leptin role (Bradbury 1087 N)
Tauopathy Progressive supranuclear palsy (Golbe 870 Com)
Taxanes Breast cancer adjuvant (Goldhirsch et al 507 C) (Crown and O'Leary 508 C)
T-cell lymphoma Enteropathy-associated as new link between coeliac disease and T-cell lymphoma (Isaacson 178 Com) (Cellier et al 203)
T-cells Activation prevention by statins (Senior 1906 N); Artificial thymus producing (McCarthy 48 N); Boosted by early treatment of HIV-1 infection (Bonn 1173 N); CD4 (helper) cell imbalance in allergen sensitisation (Schultz 1191 C) (Liu and Gereda 1192 C); CD4 (helper) cell response to HVP-16 oncoprotein E7 and cervical intraepithelial neoplasia regression (Höpfl et al 1985 R); CD4 (helper) cells, HIV-1 infection and HCV coinfection and impact and timing of antiretroviral drugs (Greub et al 1800); CD4 (helper) cells and hepatitis C virus effect on (Graham and Koziel 1865 Com); EBV-infected and eradication by allogeneic bone marrow transplantation (Okamura et al 223 R); Epitope involved in coeliac disease pathogenesis (McI Mowat 270 Com); Maternal microchimerism detected in juvenile idiopathic inflammatory myopathy (Artlett et al 2155 R); Rapid diagnostic test for tuberculosis (Andersen et al 1099); Th2 cells increase due to parasites related to atopy reduction and hygiene hypothesis explanation (Holt 1699 Com) (van den Biggelaar et al 1723); Th2 cytokines, effect of inhibitor on steroid-dependent asthma (randomised study) (Tamaoki et al 273) (Payne 1444 C) (Tamaoki et al 1444 C); Th2 cytokines and effect of monoclonal antibody to IL-5 on eosinophils in asthma and (Boushey and Fahy 2114 Com) (Leckie et al 2144)
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Teaidi J C (1940 L)
Technology, medical Investment demanded by doctors in Canada (Kondro 747 N)
Telemedicine First trans-European network launched (Jack 1910 N)
Telephones Hoax calls by Munchausen syndrome patient (Reuber et al 1358 C); Mobile see Mobile phones
Television Concerns on recombinant bovine somatotropin expressed by scientists in Canada (Kondro 1091 N); Underuse for HIV prevention (Bhattarai 773 C); *See also* Media
Telomerase Deficiency in mice and tumour resistance (Nasir 917 N)

Telomerase inhibitors Tumour treatment (Nasir 917 N)
Temolozomide Effects in malignant brain tumours (Osoba 342 C)
Temperature For early detection of CMV infections (Stefanov and Dimitrov 1685 C) (Emery 1686 C); Lowering in early stroke and benefits (835 N)
Tendon reflexes Loss in Holmes-Adie syndrome (Martinelli 1760)
Tendon rupture Spontaneous in B-cell chronic lymphocytic leukaemia (case report) (Benecke et al 1236)
Teratogenicity Anti-epileptic drugs (Finnell and Burn 1537 Com)
Term Breech Trial Planned caesarean sections *vs* vaginal delivery for breech births (randomised trial) (Lumley 1368 Com) (Hannah et al 1375)
Terminal care Death at home enabled by palliative-care intervention programme (randomised trial) (Jordhøy et al 888); Opioid use in last week of life and end-of-life decision-making (Thorns and Sykes 398 R) (Zenz 1273 C); Planning (Martin et al 1672); Sedation use (Hardy 1866 Com); *See also* Palliative care
Terminology COX-2 inhibitors and level of specificity (Vane and Warner 1373 Com); Doctors and patients (2111 E); Gastric epithelial dysplasia (Caselli et al 1528 C)
Terrorism, biological CDC programme and preparedness (review) (O'Toole and Inglesby 1128 Com) (Khan et al 1179) (Butler 2104 C)
Testicular cancer Bilateral and genetic considerations (Harland 1455 Com); Hereditary *vs* environmental influences and candidate gene (Harland 1455 Com); Scrotal ultrasonography (Dohle and Schröder 1625 Com)
Testicular disorders Subclinical microtraumatisation of scrotal contents by mountain biking (Frauscher et al 1414 R)
Testosterone Cognitive decline in women not linked to (Tierney 694 Com) (Yaffe et al 708) (Simkin 1690 C); Depot, in male contraceptive (Larkin 316 N)
Testosterone patch Sexual function restoration after surgical menopause (916 N)
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Tetralogy of Fallot Risk factors for arrhythmias and sudden cardiac death (Gatzoulis et al 975)
Thailand Doxycycline *vs* rifampicin in mild scrub-typhus (randomised trial) (Watt et al 1057); Effect of artesunate-mefloquine combination on *P falciparum* malaria incidence and mefloquine resistance (Nosten et al 297); Health system performance(Tangcharoensathien and Lertiendumrong s31); High mortality of women with HIV-1 infection (Kilmarx et al 770 C); Murder charges recommended for doctors (Ahmad 921 N)
Thakur C P (1366 L)
Thalassaemia Deferiprone (Kontoghiorghes et al 428 C) (Pippard and Weatherall 1444 C)
Thalidomide Effect on gastrointestinal toxic effects of irinotecan (Govindarajan et al 566 R)
The Regular Use of Salbutamol Trial (TRUST) Short-acting β_2-agonists in asthma (Lee and Dennis 940 C)
Thermodynamics Public understanding of science and "two cultures" debate (1781 E)
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Thioridazine Venous thromboembolism risk with (Tapson 1206 Com) (Zornberg and Jick 1219)
Thomas E J (2110 L)
Thoracic aortic dissection Carotid artery involvement causing neurological symptoms and similarity to jugular foramen lesion (case report) (Gleeson et al 826) (1036 correction)
Thoracic mass Metastatic adrenocortical carcinoma causing Conn's syndrome (case report) (Rossi et al 1570)
Three-dimensional visualisation Of deformable moving soft-tissue body part (orofacial) (Deng et al 127)
Thrombocytopenia Gestational (Minakami and Sato 1354 C) (Emilia et al 1355 C) (George 1355 C)
Thrombolysis Diltiazem in myocardial infarction after treatment with (INTERCEPT) (Drummond 1604 C) (Boden 1605 C); Intra-arterial for hyperacute stroke (Nawashiro and Fukui 1111 C) (Barber et al 1112 C)
Thrombolytic therapy Bolus *vs* infusion and risk of intracranial haemorrhage (meta-analysis) (Mehta et al 449) (Collen and Sobel 1848 C) (Menown and Adgey 1848 C) (Andreotti 1849 C) (Armstrong et al 1849 C) (Mehta et al 1850 C); Cardiogenic shock in acute coronary syndromes (review) (Hasdai et al 753); In elderly, conflicting studies and recommendations (White 2028 Com)
Thrombotic thrombocytopenic purpura Clopidogrel association (Hankey 269 Com)
Thymus Artificial and T-cell production (McCarthy 48 N)
"Thymus organoids" Development and potential use (McCarthy 48 N)
Thyroid cancer Detection by fine-needle aspiration (Poller et al 679 N) (Bartolazzi and Gasbarri 2010 C) (Poller et al 2010 C); PAX8-PPARγ1 potential for diagnosis and treatment (Bonn 742 N)
Thyroid disease Benign, fine-needle aspiration and (Poller et al 679 N) (Bartolazzi and Gasbarri 2010 C) (Poller et al 2010 C); Muscle weakness (Klein and Ojamaa 614 Com)
Thyroid function Selenium deficiency effects (Rayman 233) (Ørskov and Flyvbjerg 942 C) (Fryer 943 C) (Sher 943 C) (Yusuf 943 C)
Thyroid gland Fine-needle aspiration, carcinoma and benign thyroid disease detection (Poller et al 679 N) (Bartolazzi and Gasbarri 2010 C) (Poller et al 2010 C)
Thyroid-stimulating hormone (TSH) receptor antibodies Graves' disease with in isolated ACTH deficiency (case report) (Beckers et al 908)
Thyrotoxicosis *see* Hyperthyroidism
Tick-borne encephalitis Vaccination halted in Germany (Weber 52 N)
Tinetti balance scale Screening elderly for risk of falls (Raiche et al 1001 R)
Tinnitus Paraneoplastic limbic encephalitis in non-Hodgkin's lymphoma presenting with (case report) (Javaheri et al 308)
"Tip-of-the-tongue" experiences Inability to retrieve correct words and methods to reduce (Larkin 1743 N)
Tissue perfusion Surgical wound healing and anaesthetic management effect (Buggy 355 Com)
Tissue retention Informed consent discussions in Australia (Loff 1663 N)
TOAST trial Heparin *vs* aspirin in stroke (Toni et al 504 C) (Berge et al 505 C)
Tobacco Bigger warning labels in Canada and comparison with Europe (Senior 139 N); Controls improved in India (Kumar 1089 N); Sports sponsorship ban in Ireland (Birchard 1254 N); Trends in China and need for smoking cessation services (Abdullah 432 C); WHO Framework Convention on Tobacco Control (FCTC) session and positive responses & treaty (Kapp 1420 N); World's toughest stance in Ireland (Birchard 1254 N); *See also* Smoking
Tobacco companies Admissions at WHO Framework Convention on Tobacco Control (FCTC) session (Kapp 1420 N)
Tobacco Control in Developing Countries WHO-World Bank report (Kapp 575 N)
Tobacco industry Accountability sought and correcting facts (Greenberg 336 c) (Karnauchow 336 C) (Mahood 336 c) (Mooney 336 c) (Denson 337 C); Aggressive pursuit over investigation of health dangers in Ireland (Birchard 492 N); Discrediting of International Agency for Research on Cancer (Greenberg 336 C) (Denson 337 C); WHO warning against tactics after call for tobacco tax increase (Kapp 575 N) (Cohen 1359 C)
Tobramycin Inhaled for *Pseudomonas aeruginosa* infections in cystic fibrosis (Marshall and Liou 613 Com)
Tocolytics For preterm labour and best choice (Hannah 699 Com)
Toddlers Health development (website) (Larkin 950)
Toe Ancient Egyptian prosthesis (Nerlich et al 2176)
Toilet training Influence on dysfunctional bladder in children (Hellström 1787 Com)
Tokyo Declaration At 9th World Conference on Lung Cancer and initiatives against smoking (Harrigan 1173 N)
Tonga Autogen (biotechnology company) granted exclusive rights to genetic make-up of inhabitants (Weber 1910 N)
Tonsillar carcinoma Regression after gene therapy (Franceschi et al 871 Com)
Tonsillar tissue Meningococci underestimation by nasopharyngeal swabbing (Sim et al 1653 R); Prion proteins (Dieter 505 C) (Markham 505 C)
Topical immune modulation (TIM) For HIV-1 infection (De Lancie 770 C)
Torture Amnesty International survey (Ahmad 1503 N); Campaign against, Amnesty International website (Larkin 1617); Children (Welsh 2093); In post-conflict East Timor (Modvig et al 1763)
Total mesorectal excision (TME) Effect of surgical training programme on rectal cancer outcome (Martling et al 93)
Trabeculoplasty Laser use (Seitz and Langenbucher s26)
Trade Sanctions/barriers and implications of epidemic prevention (viewpoint) (Giesecke 588)
Trade-Related Intellectual Property Rights (TRIPS) agreement Antiretroviral drug availability for Africa and concerns (Horton 1541 Com)
Traditional medicine Chinese herbal medicine death and legal implications over standard of care for alternative medicine (Brahams 1422 N); Integrated with mainstream medicine in India (Sharma 1665 N); Role and current views (Iwu and Gbodossou s3); Standards raised in India (Sharma 231 N); *See also* Alternative medicine
Traffic Outdoor air pollution and health effects (London and Romieu 782 Com) (Künzli et al 795) (946 correction)
TRAIL (tumour necrosis factor-related apoptosis-inducing ligand) Brain cell death induced by (Nitsch et al 827 R) (de Vries et al 2014 C)
Training Assessment of 1-year programme for rural primary health care workers in Zanzibar (Birrell and Birrell 1084 R); Education differences and views/prejudices (Moran Campbell 1116 C); Specialist, changes in Spain (Bosch 1586 N); Surgical, effect on rectal cancer outcome in Stockholm (Martling et al 93); *See also* Education; Medical education
Trans-resveratrol (Res) Actions on NF-kB as possible mechanism for French Paradox (Hargreaves 139 N)
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Transcription factor Pit-1 Role in cell differentiation of pituitary gland (Senior 1661 N)
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Transforming growth factor-β Role of BMPR-II in signalling and link with primary pulmonary hypertension (Wilkins et al 1207 Com)
Transgenic Plants and World Agriculture report Genetically modified foods as solution to hunger (232 N)
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Transient ischaemic attacks Innominate artery occlusion causing in syphilis aortitis and limb shaking (case report) (Brotman and Fotuhi 1734)
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Transmissible spongiform encephalopathies Transmission by blood transfusion concerns after BSE transmission in sheep (Brown 955 Com) (Houston et al 999 R) (Sivakumaran 1771 C) (Holada et al 1772 C); *See also* Bovine spongiform encephalopathy (BSE); Creutzfeldt-Jakob disease (CJD)
Transmission disequilibrium test (TDT) Interferon-γ gene association with rheumatoid arthritis (Ollier 783 Com) (Khani-Hanjani et al 820) (Keown et al 2191 C) (Vandenbroeck et al 2191 C) (Lanchbury et al 2192 C)
Transmyocardial laser revascularisation Angina relief (conference) (Senior 1742 N); Percutaneous, in severe angina (PACIFIC trial) (Oesterle et al 1705) (Senior 1742 N)
Transoesophageal echocardiography Prepump, downgrading of mitral regurgitation (Brasch et al 856 C)
Transplantation CMV infection risk and viral load kinetics (Kuo and Kuo 1352 C) (Emery et al 1353 C); CMV viral-load kinetics in infections after (Stefanov and Dimitrov 1685 C) (Emery 1686 C); Experimental uterine transplant failure and Saudi Arabian clampdown after (Kandela 838 N); Falsified brain deaths and murder charges for doctors in Thailand (Ahmad 921 N); Ganciclovir-resistant CMV disease in recipients and treatment duration effect (Drew 609 Com) (Limaye et al 645) (Legendre 1356 C); Hair cells (cochlea) (Larkin 744 N); Hand allograft and regeneration of cutaneous innervation (Kanitakis et al 1738 R); IL-2 receptor-induced changes in ciclosporin requirements in children (Strehlau et al 1327 R); Kidney donation from wives more likely than husbands (1178 N); Low organ donation rate and suggestions for improving in Canada (Kondro 51 N); Non-heart-beating donors and delayed graft function (Vanrenterghem 528 Com) (Metcalfe and Nicholson 1853 C) (Gerstenkorn et al 1854 C) (Vanrenterghem 1854 C); Ovarian tissue, fertility treatment for women undergoing cancer therapy (Butcher 1497 N); Possible indication for statins (Senior 1906 N); President of Committee of Experts on Transplants at Council of Europe dismissed (Bosch 1253 N); *See also individual organs/tissues*
Transurethral resection of prostate (TURP) Benign prostatic hyperplasia and comparison with laser therapy (Fitzpatrick 357 Com); Endoscopic laser ablation of prostate comparison (Fitzpatrick 357 Com)
Trastuzumab (Herceptin) Cardiotoxicity prediction by troponins (Sparano et al 1947 Com)
Trauma Scrotal contents by extreme mountain biking (Frauscher et al 1414 R)
Trauma care Trends in UK and organised trauma care systems (Kelly and Nicholl 1438 C) (Jurkovich 1439 C) (Wardrope and Cross 1439 C)
Traumatic brain injury Epidemiology and hospital/prehospital guidelines (Ghajar 923 S)
Travel Venous thrombosis risk associated (Kraaijenhagen et al 1492 R)
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Traveller's diarrhoea Risk and aetiology at specific tourist destinations (von Sonnenburg et al 133 R); In Spain and plant poisoning (Mera 1446 C)
Treatment Action Campaign (TAC) *see* South Africa
Treatment without consent Transfusion in Jehovah's Witness and medicolegal precedent (Sharp 8 Com) (Yate et al 69 C) (Sanderson 1114 C) (Gupta and O'Neill 1115 C) (Hewson 1115 C)
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Triage End-of-life decisions for neonates (Cuttini et al 2190 C); With upper-gastrointestinal bleeding without endoscopy (Farrell et al 1289 Com) (Blatchford et al 1318) (Trewby 2101 C)
Triglyceride Sibutramine effect and weight maintenance after weight loss (James et al 2119)
Tri-iodothyronine treatment Children after cardiac surgery (randomised trial) (Bettendorf et al 529)
Trimethaphan Prevention of pressor effect of oral water (Mathias 1046 Com) (Scott et al 2013 C)
Trinidad HIV voluntary counselling and testing efficacy (randomised trial) (Van de Perre 86 Com) (Voluntary HIV-1 Counseling and Testing Efficacy Study Group 103)
TRIPS agreement Antiretroviral drug availability for Africa and concerns (Horton 1541 Com)
tRNA Increased stroke risk with A12308G polymorphism in mitochondrial transfer gene (Pulkes et al 2068 R)
Trophoblastic disease Partial hydatidiform mole transformation into choriocarcinoma (Seckl et al 36) (Poller 1443 C)
Tropical diseases Deaths, health expenditure and 10/90 gap in spending (less-developed countries) (Bosman and Mwinga s63)
Tropical Health Education Trust Research award in collaboration with *The Lancet* (Parry and Horton 1050 Com)
Tropical medicine Deaths, health expenditure and 10/90 gap in spending (less-developed countries) (Bosman and Mwinga s63); Website (Larkin 1365)
Tropical medicines (drugs) Production halted for cost-cutting by pharmaceutical companies (McCarthy 1581 N)
Troponin-T, cardiac (cTnT) Prediction of cardiotoxicity from cancer therapy (Sparano et al 1947 Com)
TRUST (The Regular Use of Salbutamol Trial) Short-acting β_2-agonists in asthma (Lee and Dennis 940 C)
Trypanosoma brucei gambiense Arsenic (melarsoprol) treatment (Gordon 170 C)
Trypsinogen activation peptide In acute pancreatitis (Frossard 766 C)
Tuberculin skin-testing *M tuberculosis* infection transmission/prevention in travellers (Lifson 442 Com) (Cobelens et al 461) (Whitty et al 1609 C) (Lifson and Cohn 1610 C)
Tuberculosis Control and molecular epidemiology in South African gold-mining community (Godfrey-Faussett et al 1066); Diagnostic agents and rigorous trials needed (Small and Perkins 1048 Com); Drug-resistant, classification (Van Rie et al 22) (Sonnenberg et al 1930 C) (DeRiemer et al 1931 C) (van Rie et al 1932 C); In Europe and public health challenge (McKee and Jacobson 665); Influence on vitamin D deficiency in UK Asians (Stene 73 C) (Berrington et al 74 C) (Reid 74 C) (Wilkinson and Davidson 74 C); Lumbar vertebra in psoas abscess (Gandhi et al 1485); *M tuberculosis* DNA persistence in superficially normal lung tissue during latent infection (Bishai 2113 Com) (Hernández-Pando et al 2133); MSF call for laboratory help and cures (Fiorentino et al 434 C); Multiple-drug-resistant in UK (Drobniewski s62); Need for global control (Lifson 442 Com); New diagnostic initiatives and comparison of in-vitro and in-vivo tests (Andersen et al 1099); Patients/contacts and HIV seroprevalence by anonymous testing (Bowen et al 1488 R); Reactivation and post-primary disease source (Bishai 2113 Com) (Hernández-Pando et al 2133); Recurrent in HIV-1 infection, prevention by post-treatment isoniazid (randomised trial) (Fitzgerald et al 1470); Screening decreased and incidence increased by Chernobyl-induced radiophobia (Takamura et al 257 C); In South Africa (van Helden and Hoal-van Helden s61); Specific immune-based (antigen-based) diagnosis (review) (Andersen et al 1099); Transmission to travellers in areas of high endemicity and prevention strategies (Lifson 442 Com) (Cobelens et al 461) (Whitty et al 1609 C) (Lifson and Cohn 1610 C); Treatment adherence and directly observed therapy (434 correction) (Barker and Millard 1030 C) (Perlman and Salomon 1030 C) (Maher et al 1031 C) (Walley et al 1031 C) (Volmink et al 1032 C); US funding for campaign in Africa (748 N); See also *Mycobacterium tuberculosis*
Tufte E (1696 L)
Tumour necrosis factor (TNF) Role in activation of NF-kB and suppression of MyoD for muscle function/repair in muscle-wasting syndrome (Pirisi 1249 N)
Tumour necrosis factor (TNF) inhibitor Etanercept in psoriatic arthritis and psoriasis (Mease et al 385) (Marzo-Ortega et al 2095 C) (Spadaro et al 2095 C) (Taylor et al 2095 C) (Mease 2096 C)
Tumour necrosis factor-α (TNF-α) Blockade with infliximab and effect on spondyloarthropathy in Crohn's disease (Van den Bosch et al 1821 R); Monoclonal (infliximab) and mechanism of failure in Crohn's disease (Nikolaus et al 1475)
Tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) Brain cell death induced by (Nitsch et al 827 R) (de Vries et al 2014 C)
Tumours Resistance in telomerase-deficient mice (Nasir 917 N); Solid, treatment with tumour-lysate-pulsed dendritic cells in children (Geiger et al 1163 R); See also Cancer
Tunisia Human rights activist dismissed from clinical post (Welsh 493 N)
Turkey Government clampdown on freedom of expression (Rubenstein and Amato 2094); Health workers at risk (Amnesty International report) (Welsh 503); Lök V sentenced after defending human rights (503); Scientific misconduct investigation over Behçet's disease and interferon trial (Horton 1292 Com) (Demiroglu 1351 C) (Dündar and Özcebe 1351 C) (Eldem 1351 C) (Sayek 1351 C); World Medical Association condemnation of government over response on political prisoners (Kapp 2166 N)
T-wave alternans Arrhythmia risk prediction in congestive heart failure (Klingenheben et al 651 R)
Twin pregnancy Consequences of in-utero death (Rodrigues et al 1108 C) (Sebire et al 1108 C) (Pharoah and Adi 1109 C)
Twin-to-twin transfusion In painting from 1617 and analysis (Berger et al 847)
Twinning Repeated, FSH receptor mutations association (Al-Hendy et al 914 R)
Twins, conjoined Decision over separation and difficulties (953 E) (953 E); In-utero MRI for prenatal planning (Hargreaves 659 N); Landmark ruling in UK (Ramsay 840 N); Operation date for UK twins (1504 N); Operation report on UK twin (1661 N); Success rate for surgery (Spitz and Kiely 1765 C); UK appeal court ruling for separation (Ashraf 1178 N)
Typhus Scrub see Scrub typhus
Tyrolean Ice Man To be defrosted for study (Röggla 747 N)

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Ubidecarenone Quinone-responsive multiple respiratory-chain enzyme deficiency treated (Rötig et al 391)
Uganda Ebola outbreak (McCarthy 1499 N); HIV-1 and increasing immunosuppression effect on malaria (Taylor and Hoffman 1046 Com) (Whitworth et al 1051) (2016 correction); Medical migration and effect on health care (Bundred and Levitt 245) (Dandona 1196 C) (Loefler 1196 C) (Lucas 1197 C) (Munoz 1197 C) (Heard 1198 C)
UK BMA annual meeting (54 N); Breast cancer incidence/mortality trends (Coleman 590 C) (Benson and Purushotham 591 C) (Goodare 591 C) (Pujol 591 C) (Kaplan and Wingard 592 C) (Peto 593 C) (774 correction); Caesarean section rate increase and reasons (1697 E); Childhood acute lymphoblastic leukaemia incidence (McNally et al 485 R); Consultation over folic acid fortification of wheat flour (409 N); Court order for transfusion in Jehovah's Witness against wishes of child and parents (Sharp 8 Com) (Yate et al 69 C) (Sanderson 1114 C) (Gupta and O'Neill 1115 C) (Hewson 1115 C); Embryo stem cell research expansion (Ramsay 1825 N) (Ramsay 2162 N); Fertilisation law amended to allow dead father's name on birth certificate after sperm used (Ashraf 840 N); Gene research funding (232 N); Generic medicine sales and costs (Mrazek and Mossialos 1784 Com); Hospital admission and mortality rates for venous thromboembolism in Oxford (258 correction); Impact of European human rights law (Brahams 1433); Negative health effects of asylum system (Hargreaves 2168 N); Nurse recruitment from Spain and controversy (Bosch 1831 N); Prostate cancer mortality trends (1278 correction); Secure hospitals plan (409 N); Sex-offence laws to be reconsidered after media campaign (Dean 745 N); Stem-cell research go-ahead and response (Ramsay 657 N) (693 E); Tobacco warning labels (Senior 139 N); Trauma care organisation (Kelly and Nicholl 1438 C) (Jurkovich 1439 C) (Wardrope and Cross 1439 C); vCJD incidence (Andrews et al 481 R); Wound botulism (Jensenius et al 1160) (Athwal et al 2011 C); Zanamivir guidelines for influenza changed (Ramsay 1830 N); See also National Health Service (NHS)
UK Human Rights Act 1998 Health implications (Horton 1186) (Hall 2102 C)
Ulcerative colitis Serological diagnosis and markers (pANCA) (Rutgeerts and Vermeire 2117 Com)
Ulcers Chronic vasculitic in rheumatoid arthritis and NGF treatment (Tuveri et al 1739 R); Venous and maggot therapy for (Bonn 1174 N) (Jarvis 2016 C)
Ultrasonic therapy Drainage of endometriotic cysts (Fender and Prentice 429 C) (Mesogitis et al 430 C)
Ultrasonography 3D and 4D aquisition timing for moving soft-tissue parts (Deng et al 127); Measurement of regional fat in HIV-1 infection (Martínez et al 1412 R); Scrotum (Dohle and Schröder 1625 Com); Three-dimensional visualisation of deformable moving soft-tissue body part (orofacial) (Deng et al 127)
Ultraviolet light UVB, carcinogenic effect and possible mechanism (Leffell 699 Com)
Ultraviolet radiation Sun-mediated suppression of contact hypersensitivity and skin cancer pathogenesis (Leffell 699 Com)
Umbilical cord blood House dust mite allergen detection (Holloway et al 1900 R)
UN Population Fund Report on women suffering from lack of health care services (Ahmad 1085 N)
UN Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) Effects of Chernobyl (Holm 344 C)
Uncertainty principle Industry-sponsored research (Djulbegovic et al 635) (Halpern et al 2193 C) (Nuesch and Dieterle 2193 C) (Djulbegovic et al 2194 C)
UNICEF Aim for global drug availability (Chintu and Mwaba s5)
United Nations Appeal for aid for North Korea (Watts 1993 N); Call for more effort into equal human rights (Ahmad 145 N); Condemnation of Australia for failure to improve status of Aborigines (Loff and Cordner 1011 N); General Comment on the Right to Health (Loff and Gruskin 1435); Health effects of sanctions on Afghanistan (report) (Ahmad 839 N); HIV prevalence in India (Sharma 662 N); Reduction in demining operations in Afghanistan (Ahmad 1012 N); Report emphasising hardship and problems in Iraq (Ahmad 1092 N)
United Nations Development Programme Human Development Report 2000 on human rights (Ahmad 145 N)
United Nations High Commissioner for Refugees Erosion of refugee protection in Western Europe (Hargreaves 2168 N)
Unschuld P U (264 L)
Ureaplasma urealyticum Sequencing and implications (Hargreaves 1333 N)
Ureteric stents Problems associated and ideal stent materials/properties (Tolley 872 Com)
Urinary catheters Silver-alloy to reduce urinary tract infections and costs (McCarthy 1171 N)
Urinary incontinence Donepezil adverse effect (Hashimoto et al 568 R); Hysterectomy association (meta-analysis) (Brown et al 535) (Petros 1275 C) (Brown 2012 C) (Roovers et al 2012 C)
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Urine Output in space (Norsk et al 1577 R)
Urokinase Intra-arterial for hyperacute stroke (Nawashiro and Fukui 1111 C) (Barber et al 1112 C)
Uruguay Research reorganisation and progress (Suárez and Velluti s53)
US Agency for Healthcare Research and Quality (AHRQ) evidence-based practice centres (EPC) role (Newman 1990 N); Anthrax vaccination of military personnel slowed by vaccine shortage (Greenberg 491 N); Blood shortage concerns (1092 N); Caesarean section rate increase and reasons (1697 E); Cardiovascular disease in women (Roger s10); CDC programme and preparedness for biological terrorism (review) (O'Toole and Inglesby 1128 Com) (Khan et al 1179) (Butler 2104 C); Children's rights to palliative care (Larkin 659 N); Clinical research suspended at University of Oklahoma College of Medicine after melanoma vaccine trial (McCarthy 320 N); Community psychiatry (Geller s40); Court judgement on repressed memory case (Brahams 358 Com); Dartmouth Atlas of Cardiovascular Health Care (Newman 660 N); Deaths from child abuse and neglect (Johnson s14); Diabetes mellitus prevalence increase linked to increased obesity (McCarthy 834 N); Drug company influence on medical education (781 E); Drug insurance for elderly and political agenda for election (Greenberg 51 N); Funding of AIDS/tuberculosis campaign in Africa (748 N); Generic medicine sales and costs (Mrazek and Mossialos 1784 Com); Gun-related deaths and crime decreased (1367 E); Health beliefs of physicians and lack of regular personal health-care (McCarthy 2073 N); Medical Education Service Suppliers (MESS) criticised (McCarthy 494 N); Medical malpractice case after suicide of patient and contribution of patient's own negligence (Corcoran 1212 Com); Medical migration and effect on health care (Bundred and Levitt 245) (Dandona 1196 C) (Loefler 1196 C) (Lucas 1197 C) (Munoz 1197 C) (Heard 1198 C); Murder by physician (McCarthy 1010 N); National Practitioner Data Bank established for misconduct/incompetence (351 E); Neonatal screening programme reforms needed (McCarthy 571 N); New York man infected with West Nile virus (Mullan 571 N); Oocyte donors, financial incentives and cost control (Larkin 569 N); Presidential candidates and enthusiasm/funding promises for medical research (Greenberg 1251 N); Presidential election campaign emphasises patients' rights not abortion in US (Greenberg 1501 N); Presidential election

campaign and health care proposals (Greenberg 837 N); Presidential election and compromise likely on health issues due to low majorities in House of Representatives and Senate (McCarthy 1744 N); Presidential election deadlock and research policy (Greenberg 1829 N); President's proposal for cash injection for nursing homes (1092 N); Privacy policies for patients' medical records to be adopted (McCarthy 663 N); Production of drugs for tropical diseases halted for cost-cutting by pharmaceutical company (McCarthy 1581 N); Prostate cancer mortality trends (1278 correction); Public health and 21st century: diabetes mellitus (McKinlay and Marceau 757); Service industry growth and GATS agreement (1941 E) (Pollock and Price 1995); Teenage birth rate decline (574 N); Vaccine approval process and conflicts of interest (McCarthy 838 N); Warning labels on antibiotics to reduce antibiotic resistance (1092 N); West Nile virus alert in New York (409 N)

US-Mexico border Public health along (McCarthy 1020)

Usher's syndrome Coping with (personal story) (Henderson s18)

Uterine transplantation Failure and Saudi Arabian clampdown (Kandela 838 N)

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V1RL1 gene Candidate human pheromone receptor located and potential role (Morris 835 N)

V/Q mismatches Oxygen-induced hypercapnia in COPD (Calverley 1538 Com)

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Vaccines Adverse effects of tick-borne encephalitis vaccine and programme halted in Germany (Weber 52 N); Alzheimer's disease (Butcher 2161 N); Approval process and conflicts of interest in US (McCarthy 838 N); Compensation for trial participants from children's homes in Ireland (Birchard 1176 N); DNA see DNA vaccines; Ebola virus, progress (Ashraf 1905 N); Live-virus vaccine administered by US scientists (1960s) to Amazon Indians and deaths associated (McCarthy 1247 N); Potato-based for hepatitis B (Bradbury 1661 N); *See also* Immunisation; *specific vaccines*

Vaginal microbicides (Kubba et al 1917 S)

Vaginal rings Development (Kubba et al 1917 S)

Vagus nerve stimulation Epileptic seizure reduction (Brodie and French 327 S)

Validation Glasgow Outcome Scale (GOS) (Kaye and Andrewes 1540 Com)

Vancomycin-resistant enterococcus Irish bone marrow transplant unit closed after outbreak (Birchard 1012 N)

Vanilloid receptors Capsaicin as agonist and nociception mechanisms (Baron 785 Com)

Vanilloid-activated cation channel (VR1) Capsaicin as agonist and nociception mechanisms (Baron 785 Com)

Vanuatu Lymphatic filariasis campaign launched (Dean 143 N); Malaria eradication (Kaneko et al 1560)

Varicocele Detection by scrotal ultrasonography (Dohle and Schröder 1625 Com)

Vascular endothelial growth factor (VEGF) Gene role in adult arteries and role of ideas *vs* experiments (viewpoint) (Martin 934); Gene therapy success in chronic myocardial ischaemia (Ramsay 834 N)

Vasculitic ulcers In rheumatoid arthritis and NGF treatment (Tuveri et al 1739 R)

Vasculitis Takayasu's arteritis case presentation/history/diagnosis and treatment (Numano et al 1023) (Altschuler and Wheat 2013 C)

Vasectomy Reliability and long-term follow-up (Haldar et al 43 R)

Vasopeptidase Inhibitor comparison with lisinopril in congestive heart failure and angio-oedema adverse effect (Messerli and Nussberger 608 Com) (Rouleau et al 615) (van Veldhuisen and van Gilst 1526 C) (1774 correction)

Vaso-vagal effects Of labyrinthitis and explanation (Radtke et al 736 R)

Vater, ampulla Carcinoma detected by ERCP and MRCP (Geier et al 1607 C)

Venezuela Access to medical information (Weisinger and Bellorin-Font s15)

Venlafaxine For hot flushes (randomised trial) (Barlow 2025 Com) (Loprinzi et al 2059)

Venous congestion In transient global amnesia (Sander et al 1982 R)

Venous flow Disturbance in transient global amnesia (Sander et al 1982 R)

Venous ischaemia In transient global amnesia (Sander et al 1982 R)

Venous thromboembolism Antipsychotic drugs association (Knudson et al 252 C) (Thomassen et al 252 C) (Wolstein et al 252 C); Antipsychotic drugs association and risks (Tapson 1206 Com) (Zornberg and Jick 1219); Hospital admission and mortality rates in Oxford (258 correction); Pulmonary Embolism Prevention (PEP) trial for low dose aspirin (Cimminiello 247 C) (Cohen and Quinlan 247 C) (Mahé et al 248 C) (Smulders 248 C) (Tauzeeh 248 C) (Kalsi 249 C) (Parker 249 C) (Thomas 249 C) (Collins et al 250 C)

Venous thrombosis Acute hypobaric hypoxia (air travel) linked to activation of coagulation (Bendz et al 1657 R); Risk associated with travel (Kraaijenhagen et al 1492 R); *See also* Deep vein thrombosis

Venous ulcers Maggot therapy (Bonn 1174 N) (Jarvis 2016 C)

Ventilation Helium/oxygen mixture in COPD (Morice 1785 Com); Intermittent mandatory (IMV), concerns in neonates and relationship to patient-triggered ventilation (Soll 90 Com) (Donn et al 1606 C) (Soll 1606 C); Non-invasive, for chronic obstructive pulmonary disease (Kollef 956 Com); Non-invasive pressure support (NIPSV) *vs* oxygen therapy in acute cardiogenic pulmonary oedema (randomised trial) (Masip et al 2126); Patient-triggered in newborn (Soll 90 Com) (Donn et al 1606 C) (Soll 1606 C)

Ventilator-associated pneumonia Invasive diagnostic techniques (Pittet and Bonten 874 Com) (Akça 2011 C)

Ventilatory response Hypoxic, impaired in Parkinson's disease (Onodera et al 739 R) (Onodera et al 2099 C) (Röggla et al 2099 C) (Kanda et al 2100 C)

Ventricle, right Percutaneous replacement of pulmonary valve (Bonhoeffer et al 1403)

Ventricular arrhythmias Risk prediction by T-wave alternans in congestive heart failure (Klingenheben et al 651 R)

Ventricular assist device Jarvik 2000 heart and initial success of implant (867 E)

Ventricular tachycardia Risk after repair of tetralogy of Fallot (Gatzoulis et al 975)

Very low birthweight infants G protein (Vásárhelyi et al 254 C); *See also* Low-birthweight infants

Very-low-density lipoprotein (VLDL) Sibutramine effect and weight maintenance after weight loss (James et al 2119)

Vestibulo-cardiac reflex Identification in man (Radtke et al 736 R)

Vesuvius Herculaneum victims of volcanic eruption (Capasso 1344)

Vibrio cholerae Genome (two chromosomes) sequenced (Ashraf 488 N)

Victims International victimology website (Larkin 2020)

Vienna, University Anatomy (Seidelman and Israel 343 C)

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Caesarean section choice and risks/benefits (Wagner 1677)
Cholesterol-lowering therapy for smokers and non-smokers (life-table analysis) (Bonneux 2004)
DDT house spraying and malaria control (Roberts et al 330)
Disaster myths and World Bank grants for reduction of vulnerability (de Ville de Goyet 762)
Evidence-based medicine in Fiji (Lowe 1105)
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Idea as more important than the experiment (Martin 934)
Implications of trial results: number needed to treat and average duration of life gained (Lubsen et al 1757)
Medical migration and losers (Bundred and Levitt 245)
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Psychiatry and technological advances: implications for developing countries (Sartorius and Emsley 2090)
Randomised comparisons of medical tests (Bossuyt et al 1844)
Vitamin A supplementation of young infants (Humphrey and Rice 422)
World Health Report 2000 assessed (Navarro 1598)

Vilious atrophy In enteropathy-associated T-cell lymphoma (Isaacson 178 Com) (Cellier et al 203)

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Viral haemorrhagic fevers Response in Europe (ter Meulen s64)

Viral infections Selenium deficiency effects (Rayman 234)

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Visceral hyperalgesia Contribution of central sensitisation (Cervero 1127 Com) (Sarkar et al 1154)

Visceral leishmaniasis Autoclaved *Leishmania major* vaccine (randomised trial) (Khalil et al 1565); Single-dose amphotericin effective (Pirisi 1086 N)

Visual loss In giant cell arteritis and steroid therapy (434 correction); Personal account of difficulties, myths/facts, legal perceptions and distresses and positive aspects (Vance 1517)

Visual perception Brain function in infants (Butcher 1825 N)

Vitamin A Deficiency, prevalence and management (Vijayaraghavan s41); Supplementation of young infants (viewpoint) (Humphrey and Rice 422)

Vitamin C Coronary impairment reduced in smokers (Morris 1007 N)

Vitamin D deficiency Influence on tuberculosis in UK Asian (Stene 73 C) (Berrington et al 74 C) (Reid 74 C) (Wilkinson and Davidson 74 C)

Vitamin D receptor Polymorphisms and tuberculosis association (Stene 73 C) (Berrington et al 74 C) (Reid 74 C) (Wilkinson and Davidson 74 C)

Vitamin D supplementation Prevention of rickets in African-American infants (Ramsay 570 N)

Vitamin E Lower IgE serum concentrations and atopy associated (Fogarty et al 1573 R); Secondary prevention of cardiovascular disease in endstage renal disease (SPACE randomised trial) (Boaz et al 1213)

Vitamin K Oral treatment of warfarin-associated coagulopathy (randomised trial) (Crowther et al 1551)

Vitamin K antagonists Self-management *vs* specialist anticoagulant clinic management (randomised trial) (Cromheecke et al 97) (Fitzmaurice et al 1437 C) (Levi and Büller 1437 C)

Volcano Herculaneum victims of Vesuvius eruption (Capasso 1344)

Voluntary Service Organisation (VSO) Barriers to antiretroviral drugs in Africa and recommendations (Horton 1541 Com)

Vomeronasal organ (VNO) Role and candidate human pheromone receptor detected (Morris 835 N)

von Recklinghausen's disease Frequency of choroidal abnormalities (Yasunari et al 988)

von Willebrand factor Cardiovascular disease risk factor in diabetes (McCarthy 317 N)

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Waiting times For heart surgery reduced in Spain (Bosch 1338 N)

Wakley Prize essay Eraritjaritjaka (Nauwelaers 2169)

Wakley Prize year 2000 Submissions invited by *The Lancet* (Horton 92 Com)

Wakley T Criticism of incompetent surgeon (Pollard's calculus) (Richardson 862 D)

Walking tests Effect of previous asthma on disability /limitation of effort in COPD (Laszlo et al 737 R)

Warfarin Coagulopathy associated and oral vitamin K treatment (randomised trial) (Crowther et al 1551)

Wasting syndromes Possible therapeutic role of ghrelin (Pound 1417 N)

Water Drinking, *Legionella* control (Hayes 773 C) (1360 correction); Pressor effects of oral intake (Mathias 1046 Com) (Scott et al 2013 C); Renal handling in space (Norsk et al 1577 R); Supply and cholera infection in John Snow's investigation (Brody et al 64) (Plaut 1688 C) (Brody et al 1689 C); Supply and quality crisis in Israel (Fishman 319 N)

Watercress *Fasciola hepatica* infection from (case report) (LaPook et al 218)

Websites 253: A novel for the internet about London Underground in even cars and a crash (Larkin 439); *American Demographics* (Larkin 605); American Society of Tropical Medicine and Hygiene (Larkin 1365); Amnesty International (Larkin 1617); Artistic tidbits (Larkin 2020); Arts in health network (Larkin 1451); Autism connect (Larkin 2020); *B4baby.com* on bringing up infants (Larkin 349); *Bartleby.com* (books) (Larkin 175); Bat Conservation International (Larkin 1531); *Bodytalkmagazine* (Larkin 1203); *Brainconnection.com* (Larkin 690); Bristol Royal Infirmary Inquiry winner of award (Larkin 83); Cancer Research Campaign - *CancerHelp UK* (Larkin 1939); Catalogue of Islamic medical manuscripts (Larkin 263); Crime (hidden) and control (Larkin 865); *Dancesafe* (health and safety of rave and nightclub community) (Larkin 779); Deafness Research Foundation (Larkin 605); Dementia, US Family Caregivers Alliance (Larkin 1861); *Digital Clendening* (Clendening History of Medicine Library at Kansas University) (Larkin 779); Disability sites (Larkin 1121); E-books (Larkin 2205); ECHO, biannual publication on music (Larkin 2205); *Edge: Third culture* (Larkin 1531); *Extended Life, Eternal Life* (Larkin 1617); *Film-Philosophy* (Larkin 1695); FirstGov (US government information) (Larkin 1365); Frauds "dot-cons" (Larkin 1861); General practice website development (Larkin 950); *Gray's anatomy* (Larkin 175); Health care decisions (Pew Internet Project) (Larkin 2109); Health on the Net Foundation (Morris 1664 N); Hearing Education and Awareness (Larkin 605); Hieroglyphics (Larkin 865); Hospice sites (Larkin 1617); *How Stuff Works* (Larkin 517 C); Huey

Cocoliztli was haemorrhagic fever (Larkin 1777); Human genetics updates (*BioNews*) (Larkin 175); Human genome (Larkin 263); Infectious disease information (Larkin 1121); Insects and marvels (Larkin 605); International Data Base (Larkin 1039); *International victimology* website (Larkin 2020); Interviews with distinguished persons (Larkin 950); Long-term care help (Larkin 1695); Malaria (Larkin 1203); *MDChoice* as ultimate medical information finder (Larkin 865); Mensa site and quiz (Larkin 1695); MERLOT (Multimedia Educational Resource for Learning and Online Teaching) (Larkin 1939); National Geographic websites (Larkin 349); Netlingo (Larkin 175); *Noesis*, philosophy resources (Larkin 1283); Noise concerns (Larkin 605); Online sign language dictionary (Larkin 2109); Online translators (Larkin 83); *Opinion Journal* (Larkin 1203);Paralympics (Larkin 1121); Peep research project (Emory University on marshmallow Peep) (Larkin 2205); For people with disabilities (Larkin 142 N); *People for Internet Responsibility* (Larkin 263); Physician-patient relationship affected by web (Larkin 1777); *Praxis.MD* (Larkin 517 C); Public health (Larkin 1283); Public health watchdog's enthusiasm for web (Larkin 1283); *Real/Runner* (for runners) (Larkin 517 C); Royal Society of Medicine (Larkin 1777); Safe sex for Asia-Pacific adolescents (Larkin 1365); Stain removal (Larkin 1039); State of Internet 2000 and non-US web use (Larkin 1451); *Stone pages* (megalithic sites) (Larkin 1939); Sunken ship wrecks (Larkin 1451); *Thelancet.com* launched (Pini and Canham 1374 Com); US National Academies "science in the headlines" (Larkin 1039); *Virtual Training Suite* (training of Internet information skills) (Larkin 779); *VisitingOurs* site for updates on patients (Larkin 1283); Web basics and web accessibility (Larkin 439); World Bank's report on attacking poverty (Larkin 1531); *World News* (Larkin 690); For young Londoners (Larkin 83); *YourSurgery.com* (Larkin 690); Zero To Three (healthy development of toddlers/infants) (Larkin 950); *See also* Internet

Wegener's granulomatosis Syndrome resembling with low expression of HLA class I molecules (170 correction)

Weight Gain, Ghrelin role (Pound 1417 N); Reliability of indices in nutritional state assessment in children (Warner 1703 Com); Sibutramine effect on weight maintenance after weight loss (randomised trial) (James et al 2119)

Weight for height (WFH) Reliability in assessment of nutritional state of children (Warner 1703 Com)

Weightlessness Not simulated by head-down bed-rest model and unexpected renal response in space (Norsk et al 1577 R)

Wellcome Trust Science budget increase (177 E)

Wellcome Trust Centre for Human Genetics Interview and report on Monaco A (director) (Bradbury 1662 N)

West Nile virus Alert in New York (409 N); New York man infected (Mullan 571 N); Real-time PCR test (Briese and Lipkin 1110 C) (Fine et al 1110 C)

Wet-combing Head lice treatment *vs* malathion (randomised trial) (Chew et al 523 Com) (Roberts et al 540) (Hill 2007 C) (Ibarra et al 2007 C) (Richards 2007 C) (Downs et al 2008 C) (Roberts et al 2008 C)

Wheat flour Folic acid fortification and UK government consultation (409 N)

Wheelchair Merlin's gouty chair (Richardson 1530 D)

Whistleblowing Scientists vindicated after expressing concerns on television over recombinant bovine somatotropin (Canada) (Kondro 1091 N)

Wieschaus E F (Raju 81)

Wilde O Terminal illness (history) (Robins and Sellars 1841)

Wilson's disease Oxidative-phosphorylation defects in liver (Gu et al 469); Short stature and rickets in (Kashyap and Kumar 1894)

Wine Polyphenols effect on smooth muscle proliferation as possible mechanism for French Paradox (Grainger 92 Com); Res (trans-resveratrol) inhibition of NF-kB as possible mechanism for French Paradox (Hargreaves 139 N)

Winnie-the-Pooh Psychiatric disorders (Butcher 2163 N)

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Com	Commentary	N	News
D	Dissecting Room	R	Research letter
Es	Essay	S	Seminar

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